

DRAFT

**DRAFT RCRA SOIL INTERIM REMEDIAL MEASURE WORK PLAN  
CLEAN HARBORS (WICHITA) FACILITY  
2549 NEW YORK AVENUE  
WICHITA, KANSAS**

**EPA IDENTIFICATION No KSD007246846**

RCRA



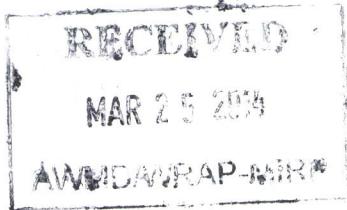
534679

Prepared by:



5777 CENTRAL AVENUE, SUITE 200  
BOULDER, COLORADO 80301

MARCH 20, 2014



U.S. Environmental Protection Agency, Region 7  
Air and Waste Management Division  
Waste Remediation and Permitting Branch  
ATTN: Christine Jump  
901 North 5<sup>th</sup> Street  
Kansas City, KS 66101

March 21, 2014

**SUBJECT: TRANSMITTAL OF DRAFT INTERIM REMEDIAL MEASURE WORK PLAN FOR CLEAN HARBORS KANSAS  
(EPA ID# KSD007246846). 2549 NEW YORK AVENUE, WICHITA KANSAS**

Dear Ms. Jump:

Enclosed please find the above referenced report for your review and comment. This work plan has been prepared to satisfy requirement III.D of the Hazardous Waste Management Facility Part II Permit issued by the USEPA on September 28, 2012. As required by the permit, a copy of this work plan has also been transmitted to the Kansas Department of Environmental Health.

Clean Harbors is prepared to implement the scope of work described in the attached work plan immediately upon receipt of your approval. We welcome your comments to this work plan such that the work plan can be finalized and field work can begin promptly. Should you have any questions or concerns regarding this work plan, please contact me at (417) 358-0826.

Sincerely,

**Martin L Smith**

Digitally signed by Martin L Smith  
DN: cn=Martin L Smith, o=Clean Harbors Environmental  
Services, Inc., ou=Director, Corrective Actions and  
Discontinued Operations,  
email=smith.martin@cleanharbors.com, c=US  
Date: 2014.03.21 13:37:40 -05'00'

Martin Smith  
Director of Corrective Measures  
Clean Harbors Environmental Services

cc: Akhter Hossein, Kansas Department of Environmental Health  
Mustafa Kamal, Kansas Department of Environmental Health  
John Cook, Kansas Department of Environmental Health

Encl:

DRAFT

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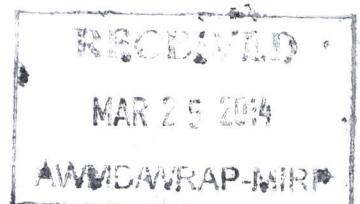
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MARCH 20, 2014



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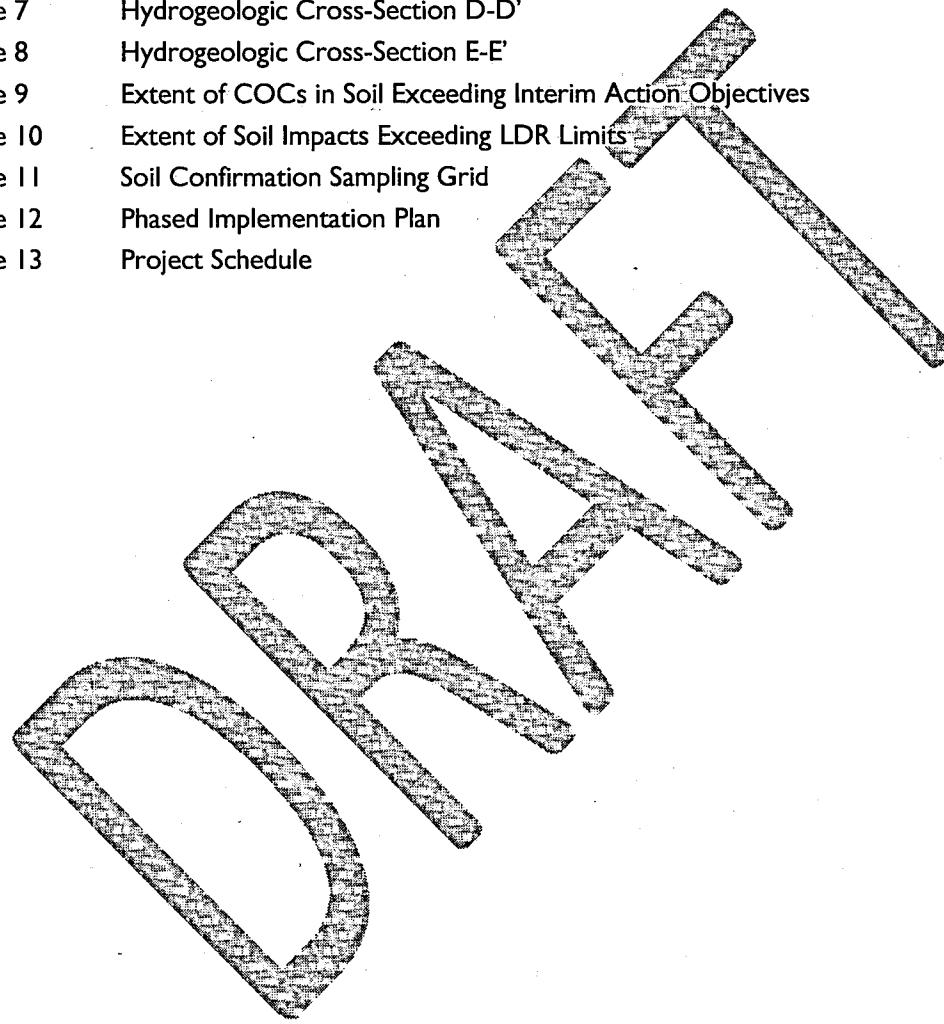
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## **1 SITE BACKGROUND**

This Soil Interim Remedial Measure Work Plan (IMP) has been prepared for the Clean Harbors Kansas Facility (facility) located at 2549 New York Avenue in Wichita Kansas (EPA Identification number KSD007246846). This IMP provides procedures to mitigate impacted unsaturated (vadose) zone soils at the facility through excavation. This IMP is being submitted based on discussions held between Clean Harbors, US Environmental Protection Agency (USEPA) and the Kansas Department of Health and Environment (KDHE), and will fulfill the requirement described in the Clean Harbors Kansas, LLC, Hazardous and Solid Waste Amendments (HSWA) Part II RCRA Permit (Permit) Section III.D – Interim Measures and Stabilization.

The principal constituents of concern (COCs) at the facility consist of volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), total petroleum hydrocarbons (TPH) and metals. The specific objective of the soil interim remedial measure (IRM) is to excavate and transport off site for treatment and/or disposal impacted subsurface soil to levels below Interim Action Objectives (IAOs). The IAOs proposed for this interim action are discussed in Section I-3 of this IMP. Clean Harbors believes that the planned IRM approach is consistent with, and can be integrated into, the final Corrective Measure or long-term solution for the facility.

This IMP provides the site background, a brief summary of subsurface soil investigation results, the proposed interim action objectives, excavation plan, off-site soil disposal and treatment, the planned soil

confirmatory soil sampling program, and an estimated schedule for implementing the IRM. This IMP precisely follows the following State of Kansas Interim Measure guidance document:

- Kansas Department of Health and Environment (KDHE), Bureau of Environmental Remediation/Remedial Section, Interim Measures Policy and Scope of Work, BER Policy #BER-RS-029 (Revised), October 2006.

In addition, this IMP also provides methods for building decontamination, sampling, closure and building demolition and is consistent with and fulfills the general recommendations and requirements described in detail in the facility Permit.

### **1.1 FACILITY SETTING**

The facility covers approximately six acres and is located in the east central portion of Sedgwick County, at 2549 New York Street, in Wichita, Kansas (Figure 1). There are 10 buildings onsite labeled as Buildings A through K (Building F no longer exists), as well as a Processing Area and Drum Dock (Figure 2). Buildings A, E, and G are used for offices and administration and are located near the facility entrance just west of 25th Street. Buildings I, J and K are in the eastern portion of the facility located east of 25<sup>th</sup> street and are, or have been, used for various hazardous waste management operations. Buildings B, C, and D

are in the western portion of the facility, west of the administration buildings and also are, or have been, used for various hazardous waste management operations. Buildings H and K are used as an operations office and mechanical equipment building, respectively. A water supply well was formerly located outside the southeast corner of Building D. This well, designated SK-OW1 was installed in 1990 to obtain non-contact cooling water for use in the facilities solvent distillation process. In anticipation of implementing the interim measure, this well was abandoned under KDHE guidelines in February 2014.

The site lies within the North Industrial Corridor (NIC), which includes most of the industrial properties near the facility. The NIC, which includes over 4,000 acres of property, has been identified as having a dissolved groundwater plume of chlorinated volatile organic compounds (VOCs) present. The NIC is undergoing its own environmental investigation of a dissolved chlorinated VOC plume under the supervision of the City of Wichita, with oversight by KDHE. A City of Wichita ordinance (Ord. No. 43-156 S 2) is in place that does not allow groundwater use within the NIC.

The facility was first permitted as a hazardous waste management facility operating under a RCRA Part I operating permit (EPA Identification Number KSD007246846) initially issued by KDHE on April 7, 1995 and most recently renewed on September 28, 2012. Wastes historically handled at the facility include paints (and related wastes), batteries, fluorescent lights, incinerable hazardous solids, lab packs, mercury, household hazardous wastes, off-specification and production wastes from industries, both chlorinated and non-chlorinated petroleum-based waste solvents, plating wastes, and corrosives.

The facility is currently a waste management facility for Clean Harbors, although it has historically been used for a variety of industrial purposes since the mid 1940's. Between the 1940's and 1979, Enmar Paint used the facility to manufacture paints. Reid Supply Company (RSC) began handling and managing hazardous waste subject to RCRA regulation on June 11, 1979. The wastes RSC handled included spent solvents, spent electroplating baths, and sludges generated off-site. The southwestern portion of the facility was referred to as the South Plant and the northeastern portion, east of 25th Street, was referred to as the North Plant. Bulk storage and solvents reclamation through settling and distillation occurred at the North Plant. Hydrocarbons and solvents were blended into fuel supplements for off-site energy recovery at the South Plant. Otherwise, the waste was shipped to another RCRA facility for treatment or disposal.

Hazardous waste operations reportedly ceased at the North Plant in 1985 and RSC leased it to Service Chemical Supply Company (SCSC). During SCSC's operation it conducted operations that involved acid repackaging and the distribution of industrial chemicals. In January 1990, SCSC moved its operations from the facility.

After 1985, ownership changed several times, but the facilities continued to be used for chemical processing and waste management activities including the recycling or processing of solvents and other wastes, and the blending of wastes for kiln fuel. Conservation Services, Inc. purchased certain assets, including the RCRA permit, from RSC in 1986. Hydrocarbon Recyclers, Inc. (HRI), a subsidiary of U.S. Pollution Control, Inc. (USPCI), acquired Conservation Services, Inc. in 1988. USPCI was owned by Union Pacific Corporation from 1988 through 1994. Laidlaw Environmental Services (LES) purchased USPCI in

1995; LES changed the name to Safety-Kleen (SK) Inc. after acquiring SK in 1998. Effective September 7, 2002, Clean Harbors, Inc. purchased from Safety-Kleen Services, Inc. certain assets of the Chemical Services Division of Safety-Kleen Corporation. As a result of the sale, Clean Harbors Kansas, LLC is, as of September 7, 2002, the new owner of the regulatory permits and operator of the equipment and assets located at the facility.

## **1.2 SITE SOIL CONDITIONS AND HYDROGEOLOGIC SETTING**

Figure 3 depicts all soil boring and monitoring well locations installed to date at the Facility. Cross-Sections A-A' through E-E' shown in Figures 4 through 8 illustrate the principal stratigraphic units and groundwater levels at the site. Lithology data was collected during previous RFI investigations conducted between 1999 and 2005 and during the 2013-2014 RFI field investigation. The upper unsaturated (vadose) zone unit beneath the facility is characterized by 10 to 17 ft of silty to sandy clay (including fill material) with a low intrinsic permeability. This uppermost unit constitutes the vadose zone that will be excavated and is the focus of this IMP.

This unsaturated unit is, in turn, underlain by approximately 18 ft of alluvial deposits that consist of fine to coarse sand and gravel and are water-saturated. There is a semi-confining clay lens, two to six ft thick that separates the sand unit comprising the upper groundwater flow zone from the sands of the lower groundwater flow zone. This clay aquitard appears to be laterally continuous beneath the northwestern and the entire eastern and central portions of the facility. A limited number of soil borings installed in the western portion of the facility indicate that this clay layer thins and may not be present in the southwestern portion of the facility.

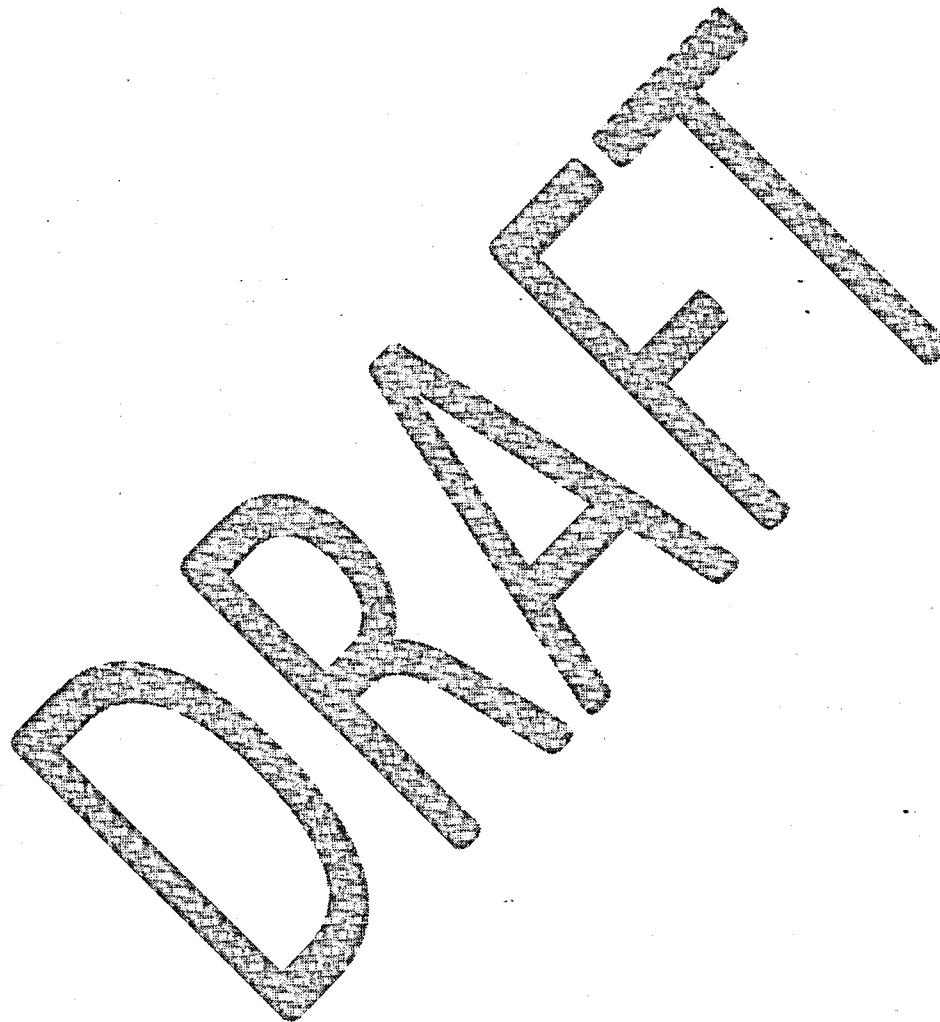
The sand and clay which make up the alluvial deposits range in depth from 30 to 40 feet below ground surface (ft. bgs) beneath the facility. The base of the lower sand unit is underlain by one to nine ft of weathered bedrock (mostly clay), which is underlain by the Wellington Formation (bedrock) which is approximately 200 ft thick in the vicinity of the facility (PRC, 1990).

Based on monitoring data collected at the facility since November 1999, the depth to groundwater under the facility ranges from 12 to 20 ft bgs, varying on a seasonal basis and in response to major precipitation events. Unsaturated soils within the upper zone that are impacted by COCs at levels exceeding IAOs will be excavated. Effective remediation of saturated soils beneath the Site is complicated by the presence of upgradient sources of VOCs in groundwater that could recontaminate saturated soils to levels above KDHE Tier II standards. Additionally, excavation to depths below first encountered groundwater can subject open excavations to sloughing and caving which presents a health and safety concern.

## **1.3 SOIL INTERIM ACTION OBJECTIVES**

The soil remedial action objectives (RAOs) for VOCs and SVOCs in operable unit I (OU-I) of the NIC are the State of Kansas Tier 2 residential soil to groundwater protection levels for residential soil identified in the Risk-Based Standards for Kansas RSK Manual-5<sup>th</sup> Version (October, 2010). These KDHE-approved soil cleanup levels applied to OU-I of the NIC are proposed as the IAOs for VOCs

and SVOCs in soil at the Clean Harbors Kansas Facility. These soil to groundwater protection values are more conservative (i.e. lower) than the industrial soil direct contact values for the most prevalent compounds detected in soil, and as such, are considered protective for ongoing commercial or industrial activities at the Site. For metals, for which no KDHE Tier II soil to groundwater protection levels are available, the proposed IAOs are the KDHE Tier II industrial direct contact values.



## **2 PREVIOUS INVESTIGATIONS AND SUMMARY OF RESULTS**

The following sections provide a brief summary of the previous site investigation results and the Phase IV RFI investigation. A complete description of the Phase IV RFI field investigation and results will be presented in the Phase IV RFI Report that will present the full results from the Phase IV RFI investigation. The analytical data collected at the Site during RFI Phases I through IV have been used to characterize the soil source areas.

### **2.1 SITE SOIL CONCEPTUAL MODEL**

The releases of organic constituents of concern at the facility into the soil and groundwater underlying the facility have resulted in subsurface impacts to soil and groundwater. The analytical results indicate that locations inside the facility contain detectable concentrations of COCs (primarily VOCs with some SVOCs and metals). The cross-sections presented in Figures 4 through 8 illustrate the soil stratigraphy beneath the facility in relation to depth and the water-table.

The soil impacts at the facility are the result of historic releases from solid waste management unit tanks, pipelines, and surface impoundments. The COCs present in unsaturated zone soils potentially provide a continuing source of contamination to groundwater at the Site.

### **2.2 SUMMARY OF PHASE I - IV RFI SOIL ANALYTICAL RESULTS**

The following section presents a summary of the soil analytical results obtained from the Phase I through IV RFI field investigations and the supplemental phase IV investigation conducted at the site.

#### **2.2.1 Volatile and Semi-Volatile Organic Compounds (VOCs and SVOCs)**

The analytical results of all VOCs detected at the facility during the Phase I through Phase IV RFIs and supplemental investigation are presented in Table 2. Data obtained from an on-site mobile lab during the supplemental phase IV investigations is presented in Table 3. While no SVOCs were detected at concentrations above proposed IAOs, these results are presented in Table 4. The comprehensive site soil analytical results are discussed in three portions of the site: Western, Central, and Eastern Areas. TCE, PCE, and other less commonly detected VOCs are the principal compounds detected at concentrations exceeding IAOs at the Site and are the focus of the Soil Interim Measure.

Figure 9 presents the lateral distribution of VOCs in soil at concentrations exceeding IAOs. The areas depicted on Figure 9 will be excavated, and only one other area with VOC concentrations exceeding IAOs was found during site investigations conducted to date. The sample collected at 20 ft. bgs. in boring T5-4 contained 59.9 µg/kg of vinyl chloride, exceeding the IAO of 20.5 µg/kg. This sample was collected from the saturated zone and the vinyl chloride detected in the sample is likely the result of dissolved phase transport from other upgradient areas. As such, excavating this isolated area was not deemed to be appropriate.

The color scheme on Figure 9 depicts the depth interval at which IAOs were exceeded. This information is used to develop the excavation and backfill plan discussed in Section 3.

A total of eleven discreet VOC source areas were identified in reviewing and compiling the analytical data. These source areas are as follows:

- Building C
- Trailer Parking Area
- Southwest Fenceline Area
- Building D
- West of Building B (Former Paint Pit)
- West of Building I (Former Still Area)
- Building J
- North of Building J
- South of Building J
- East of Building J
- Northeastern Corner

The following sections present the soil analytical results for VOCs for each identified source area. Data summaries for each

#### *Western Area*

The Western Area includes all areas of the Site to the west of the Processing Area. The VOC detections above interim action objectives in the Western Area are present in three separate smaller source areas: one in Building C and the surrounding area, the second in the trailer parking area, and the third at the southwest fence line.

#### *Building C*

A total of 72 samples collected from 20 borings define the approximately 22,500 sq ft Building C source area. Soil VOC analytical data for compounds present at concentrations exceeding IAOs in this area is summarized in Table 5. As shown in the Table, PCE was detected at the highest frequency and at the highest concentrations within the Building C source area. Soil with concentrations exceeding interim action objectives was encountered at depths ranging from 0.5 to 15 ft. bgs. Other compounds present at levels exceeding interim action objectives include TCE, cis-1,2-DCE.

#### *Trailer Parking Area*

A total of 19 samples collected from 9 borings define the approximately 2,460 sq ft Trailer Parking source area. Analytical data for detected compounds in this area is summarized in Table 5. As shown in the Table, one VOC compound – PCE – was detected at concentrations

exceeding its IAO. Soil with concentrations exceeding the interim action objectives was encountered at depths ranging from surface level to 5 ft bgs

#### **Southwest Fence Line**

A total of 17 samples collected from 6 borings define the approximately 2,820 sq ft Southwest Fenceline source area. Analytical data for this area is summarized in Table 5. As shown in the Table, one VOC compound – PCE – was detected at concentrations exceeding its IAO. The PCE was primarily detected from surface level to 15 ft bgs, with one sample result exceeding the IAO at 20 ft bgs at the southeast boundary of the plume.

#### **Central Area**

The Central Area includes Buildings A, B, D, E, G, and H and the Processing Area. The VOC detections above interim action objectives in the Central Area are present in two separate smaller or source areas: one in the area west of Building B and the second in Building D (including the Processing Area and the driveway between Building D and Building B).

#### **Building D**

A total of 201 samples collected from 58 borings define the approximately 40,000 sq ft Building D source area. Analytical data for this area is summarized in Table 5. As shown in the Table, PCE was detected at the highest frequency and at the highest concentrations within the Building D source area. Soil with concentrations exceeding IAOs was encountered at depths ranging from surface level to 15 ft bgs. Other compounds present at levels exceeding interim action objectives include TCE, 1,1-DCE, cis-1,2-DCE, vinyl chloride, 1,1-DCA, and 1,4-dioxane.

#### **West of Building B (Former Paint Pit)**

A total of 15 samples collected from 4 borings define the approximately 1,180 sq ft West Building B source area. Analytical data for this area is summarized in Table 5. As shown in the Table, 1,2,4-TMB was detected at the highest frequency and at the highest concentrations within the West of Building B source area. Soil with concentrations exceeding IAOs was encountered at 15 ft bgs. Other compounds present at levels exceeding interim action objectives include ethylbenzene, naphthalene, n-butylbenzene, n-propylbenzene, and 1,3,5-TMB.

#### **Eastern Area**

The Eastern Area includes all portions of the Site to the east of 25<sup>th</sup> Street, including Buildings I, J, K, the areas to the south and east of Building J, and northeast of Building K. The VOC detections above interim action objectives in the Eastern Area are present in six separate smaller source areas: one along the western side of Building I, a second source area north of Building J, a third at Building J, a fourth to the

southeast of Building J, a fifth to the east of Building J, and a sixth source area northeast of Building K in the northeastern corner of the property.

#### **West of Building I (Former Still Area)**

A total of 24 samples collected from 5 borings define the approximately 1,250 sq ft West Building I source area. Analytical data for this area is summarized in Table 5. As shown in the Table, xylenes were detected at the highest frequency and at the highest concentrations within the West of Building I source area. Soil with concentrations exceeding interim action objectives was encountered at depths ranging from 2 to 15 ft bgs. Other compounds present at levels exceeding IAOs include PCE, TCE, cis-1,2-DCE vinyl chloride, ethylbenzene, toluene, naphthalene, 1,2,4-TMB, and 1,3,5-TMB.

#### **North Building J**

A total of 8 samples collected from 3 borings define the approximately 300 sq ft North Building J source area. Analytical data for this area is summarized in Table 5. As shown in the Table, cis-1,2-DCE was detected at the highest frequency and at the highest concentrations within the North Building J source area. Soil with concentrations exceeding IAOs was encountered at depths to 5 ft bgs. Other compounds present at levels exceeding interim action objectives include vinyl chloride, naphthalene, and 1,2,4-TMB.

#### **Building J**

A total of 24 samples collected from 4 borings define the approximately 1,800 sq ft Building J source area. Analytical data for this area is summarized in Table 5. As shown in the Table, one VOC compound – PCE – was detected concentrations exceeding its interim action objectives. PCE was detected at depths ranging from surface level to 10 ft bgs.

#### **South of Building J**

A total of 34 samples collected from 12 borings define the approximately 8,600 sq ft South of Building J source area. Analytical data for this area is summarized in Table 5. As shown in the Table, one VOC compound – PCE – was detected concentrations exceeding its interim action objectives at depths of 10-20 feet bgs.

#### **East of Building J**

A total of 22 samples from 8 borings define the approximately 3,750 sq ft East of Building J source area. Analytical data for this area is summarized in Table 5. As shown in the Table, PCE was detected at the highest frequency and at the highest concentrations within the East of Building J source area. Soil with concentrations exceeding interim action objectives was encountered at depths ranging from 2 to 10 ft bgs. Other compounds present at levels exceeding interim action objectives include TCE.

### **Northeastern Corner**

A total of 31 samples collected from 10 borings define the approximately 5,500 sq ft Northeastern Corner source area. Analytical data for this area is summarized in Table 5. As shown in the Table, PCE was detected at the highest frequency and at the highest concentrations within the Northeastern Corner source area. Soil with concentrations exceeding interim action objectives was encountered at depths to 18 ft bgs. Other compounds present at levels exceeding interim action objectives include TCE.

#### **2.2.2 Metals**

Analytical data for metals in soil collected to date at the Site are presented in Table 6. Three metals, arsenic, chromium and lead have been detected at concentrations exceeding their respective IAOs. The distribution of each of these metals is discussed below.

##### **Arsenic**

At total of 276 soil samples have been collected and analyzed for total arsenic since 1999. Sample depths ranged from 0.5 ft bgs to 25 ft bgs. Of the 276 samples only one (B-66@0.5 feet) contained an arsenic concentration exceeding the IAO of 63.2 mg/kg. This sample was collected from the northwestern corner of the Site.

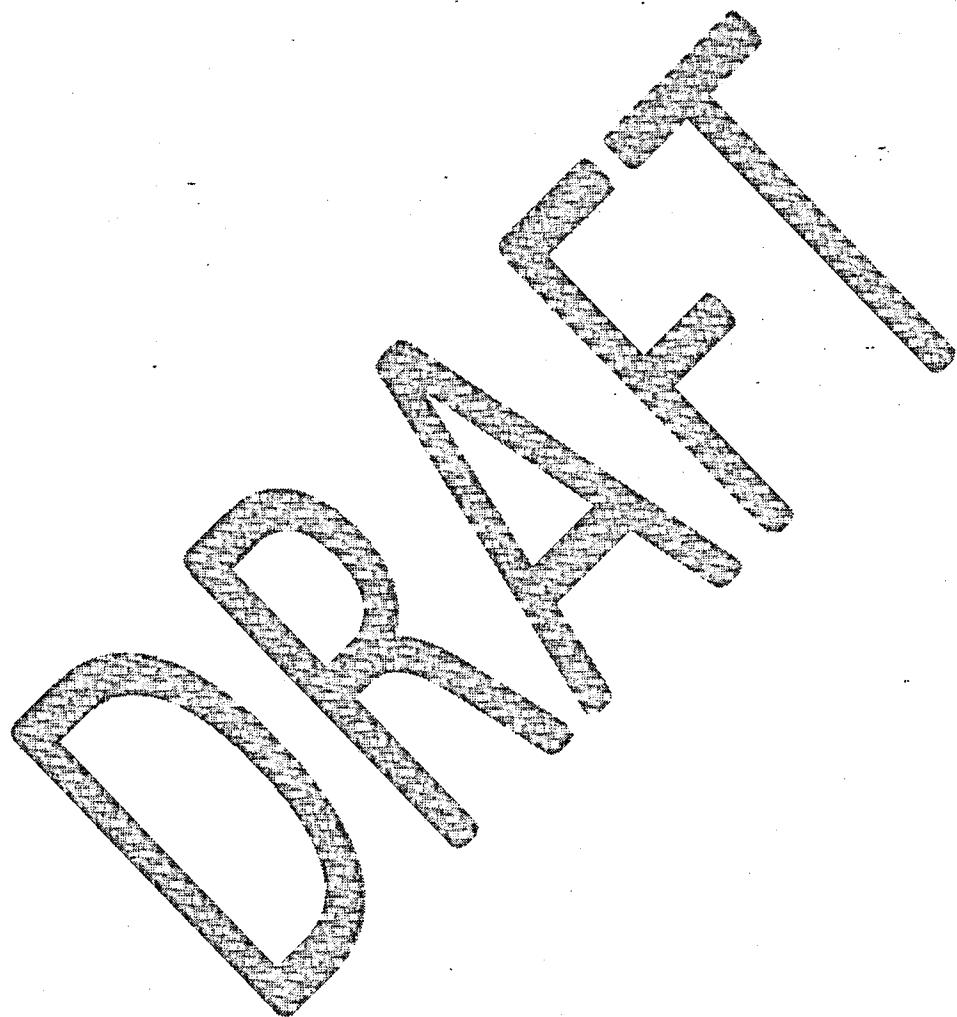
##### **Chromium**

At total of 276 soil samples have been collected and analyzed for total chromium. Sample depths range from 0.5 ft bgs to 25 ft bgs. Of the 276 samples analyzed for chromium, six (A10-2@0.5, A10-3@2, A10-4@2, S2-1@0.5, BC-4@0.5 and B-54@4) contained chromium concentrations exceeding the IAO of 111 mg/kg. Four of these samples are located in the northeastern corner of the Site and will be excavated along with VOC impacted soil as depicted in Figure 9. Soil associated with sample S2-1@0.5 feet will similarly be excavated as a part of the Building D excavation. A surface sample in Building B (BC-4@0.5) contained 175 mg/kg of chromium at a depth of 0.5 ft bgs. Samples collected at deeper depths in this area did not contain detectable levels of chromium.

##### **Lead**

At total of 286 soil samples have been collected and analyzed for total lead. Sample depths range from 0.5 ft bgs to 25 ft bgs. Of the 286 samples, six sample exceeded the IAO of 1,000 mg/kg. The six samples exceeding the IAO were collected in two areas of the Facility. One surface sample (B-16 @ 3) contained 1,560 mg/kg of lead at 3 ft bgs. Samples collected at deeper depths in this area did

not contain detectable concentrations of lead. The remaining five samples are located in the northeastern corner of the Facility and will be excavated along with VOC impacted soil as depicted on Figure 9.



### **3 DESCRIPTION OF PROPOSED SOIL INTERIM REMEDIAL MEASURE**

Implementation of the excavation IRM will require that affected buildings are first closed, and then demolished prior to beginning excavation. Clean Harbors has undertaken partial closure of Buildings B, D and J in accordance with the approved closure plan for the facility and the approved partial closure plan for Buildings B, D and J. However, slight modifications to these plans are warranted in light of the preferred excavation interim remedy. This section describes the modifications to the partial closure plan, provides procedures for demolishing the buildings following closure activities, and finally presents the excavation plan to remove soils with COC concentrations exceeding IAOs.

The work described in this section will be overseen by an independent engineer registered in the state of Kansas. This engineer will be on-site as necessary to ensure that the activities described in this plan are followed and to approve and note any deviations to this plan as may be necessary to complete the scope of work. The engineer will also certify the IRM completion report to be submitted at the conclusion of the project.

#### **3.1 BUILDING CLOSURES**

As stated above, Clean Harbors has received approval from KDHE to undertake activities pursuant to partial closure of Buildings B, D and J. Ongoing hazardous waste operations at the Site are currently performed in Building C. As described above and shown in Figure 9, large portions of Building C overlie soil impacted with VOCs at concentrations exceeding IAOs. As such, excavation of these soils cannot proceed while Building C is in operation, and Clean Harbors intends to relocate ongoing hazardous waste operations to the eastern portion of the Site and to conduct these operations using Building I and Building J. For this reason, Clean Harbors wishes to rescind its request to partially close Building J. Soil impacted with COCs at concentrations exceeding IAOs will be excavated from beneath Building J prior to recertifying and subsequently using it for hazardous waste operations.

Soil with COC concentrations exceeding IAOs is present beneath Buildings C, D, B, J, and the processing area. In addition to Buildings B and D, where partial closure activities are already underway, closure activities will be undertaken in Building C and the Processing Area. Specific closure activities are described in detail in the Closure Plan for Buildings B, D and J (May 2012). The procedures described in the referenced document will be followed with the following exceptions:

1. The closure activities will be undertaken at Buildings B, C, D, J and the processing area. Section 9.3 of the closure plan will be revised to reflect this change
2. Following building decontamination (described in Section 9.3 of the closure plan) rinsate samples will be taken of the final rinse of each hazardous waste management unit. These samples will be

- analyzed for total concentrations of VOCs, SVOCs and metals and submitted to a Kansas certified lab for analysis.
3. Rinsate sample results will be forwarded to USEPA and KDHE for review and determination of appropriate disposal or re-use options.
  4. EPA and KDHE will respond with a finding within 5 business days of sample transmittal.
  5. Once EPA/KDHE has determined that a unit is decontaminated, demolition of the building (with the exception of Building J) will commence.
  6. Section 9.4 of the closure plan describes sampling to be performed underneath buildings following decontamination. Because the buildings will be demolished and underlying soils will be removed, no sampling will be performed beneath buildings following decontamination. RFI work performed to date (including extensive sampling beneath the buildings being demolished) provides a sound basis for assessing the extent of soil impacts and implementing the IRM of soil excavation.

### **3.2 BUILDING DEMOLITION**

Buildings B, C, D and the processing area will all be demolished once closure activities have been completed and EPA and KDHE have provided approval of rinsate results. The specific activities that will be undertaken during demolition of each of these buildings are described below.

#### **Building B**

- Demolish building structures thru conventional methods and load select demolition debris for off-site disposal as non-hazardous construction debris.
- Steel will be transported off-site for recycling where appropriate.
- Concrete floors and cinder block or concrete walls will be stockpiled for subsequent crushing and use as backfill.
- Delineate concrete floor for loading and off-site disposal or stockpiling for use as on-site fill. Concrete that is stained or chemically distressed will be sent off-site for disposal. This determination will be made using an independent engineer prior to demolishing any structures.
- Saw cut concrete as required for segregation prior to demolition.
- Utilize hydraulic hammer to break up concrete and cut reinforcing steel using torches, shears, etc.
- Utilize excavator, track-loaders, or similar equipment to remove concrete.
- Concrete qualified as clean rubble under Kansas (KSA 64-3402w) for use as backfill will be relocated to a designated stockpile area.
- Potentially contaminated concrete (i.e. concrete with obvious signs of staining or chemical distress) will be direct loaded or temporarily stockpiled on polyethylene sheeting (pending load-out for off-site disposal as hazardous waste).

### **Building C**

- Demolish building structure thru conventional methods and load demolition debris for off-site disposal as non-hazardous construction debris.
- Steel will be transported off-site for recycling where appropriate.
- Concrete floors and Cinder block or concrete walls will be stockpiled for subsequent crushing and use as backfill.
- Delineate concrete floor for loading and off-site disposal or stockpiling for use as on-site fill. Concrete that is stained or chemically distressed will be sent off-site for disposal. This determination will be made using an independent engineer prior to demolishing any structures.
- Saw cut concrete as required for segregation prior to demolition.
- Utilize hydraulic hammer to break up concrete and cut reinforcing steel using torches, shears, etc
- Utilize excavator, track loaders, or similar equipment to remove concrete.
- Concrete qualified as clean rubble under Kansas (KSA 65-3402w) for use a backfill will be relocated to a designated stockpile area.
- Potentially contaminated concrete (i.e. concrete with obvious signs of staining or chemical distress) will be direct loaded or temporarily stockpiled on polyethylene sheeting (pending load-out for off-site disposal as hazardous waste).

### **Building D**

- Remove interior tanks within Building D as specified in the closure plan, Section 9.2.
- Demolish building structures thru conventional methods and load demolition debris for off-site disposal as non-hazardous construction debris.
- Tanks and steel within building D will be transported off-site for scrap recycling where appropriate.
- Concrete floors and Cinder block or concrete walls will be stockpiled for subsequent crushing and use as backfill.
- Delineate concrete floor for loading and off-site disposal or stockpiling for use as on-site fill. Concrete that is stained or chemically distressed will be sent off-site for disposal. This determination will be made using an independent engineer prior to demolishing any structures.
- Saw cut concrete as required for segregation prior to demolition.
- Utilize hydraulic hammer to break up concrete and cut reinforcing steel using torches, shears, etc
- Utilize excavator, track loaders, or similar equipment to remove concrete.
- Concrete qualified as clean rubble under Kansas (KSA 65-3402w) for use a backfill will be relocated to a designated stockpile area.
- Potentially contaminated concrete (i.e. concrete with obvious signs of staining or chemical distress) will be direct loaded or temporarily stockpiled on polyethylene sheeting (pending load-out for off-site disposal as hazardous waste).

### **Processing Area**

- Remove/demolish canopy and tanks thru conventional methods.
- Tanks and steel will be transported off-site for scrap recycling where appropriate.

- Delineate concrete for loading and off-site disposal or stockpiling for use as on-site fill. Concrete that is stained or chemically distressed will be sent off-site for disposal. This determination will be made using an independent engineer prior to demolishing any structures.
- Saw cut concrete as required for segregation prior to demolition.
- Utilize hydraulic hammer to break up concrete and cut reinforcing steel using torches, shear, etc..
- Utilize excavator, track loaders or similar equipment to remove concrete.
- Concrete qualified as clean rubble under Kansas (KSA 65-3402w) for use as backfill will be relocated to a designated stockpile area.
- Potentially contaminated concrete (i.e. concrete with obvious signs of staining or chemical distress) will be direct loaded or temporarily stockpiled on polyethylene sheeting (pending load-out for off-site disposal as hazardous waste).

### **3.3 EXCAVATION**

Soil with COC concentrations exceeding IAOs will be excavated for off-site treatment or disposal at an appropriate landfill. The extent of soils that will be excavated is depicted on Figure 9. In cases where clean soil overlies soil with COC concentrations exceeding IAOs, the clean overburden will be temporarily stockpiled for later use as backfill. To account for variability in the depth of impacted soil, a one foot buffer around contaminated soils will be used for planning purposes. For example, if analytical data indicates that clean soil overburden is present to a depth of 10 feet, the upper nine feet of soil will be stockpiled for later use as backfill. This plan will be modified in the field as necessary based upon visual observations of soil conditions, and periodic field screening of soil for VOCs using a photo-ionizing detector (PID).

Prior to beginning each excavation, the boundaries of each excavation will be marked on the concrete floor and/or ground surface. This will include a site survey whereby local control benchmarks will be placed strategically throughout the facility footprint for use in maintaining grade and excavation control throughout the excavation process. In addition, the inferred extent of soil with COC concentrations exceeding land disposal restriction limits will be marked to identify the areas where excavated soil is designated for incineration. These heavily impacted soils will be excavated first and the soil will be either live loaded for transport to the disposal facility or temporarily stockpiled on plastic sheeting for subsequent loading and hauling.

Once soils designated for incineration have been excavated, the remaining soils with COC levels exceeding IAOs will be excavated and either loaded into trucks for transport to the landfill or temporarily stockpiled for subsequent transport. Stockpiled soil management is discussed in greater detail in Section 3.4.

Once the target depth of the excavation has been reached and field observations indicate that impacted soils have been removed, the depth of the excavation will be surveyed to confirm achievement of target excavation depths. Confirmatory soils samples will be collected remotely using the excavator. These soil samples will be analyzed for a full list of VOCs by USEPA Method 8260B by a Kansas certified laboratory. The specifics of the confirmatory sampling plan are presented in Section 4 of this work plan.

Upon receipt of confirmatory sampling results, each excavation will be backfilled using a mixture of clean overburden soil, imported fill and crushed concrete debris generated during building and floor demolition. Soil will be backfilled and compacted. Compaction testing will be performed on soil

adjacent to structures that will remain (Building I and J) to maintain building integrity. In certain instances, such as when excessive caving of excavation sidewalls or groundwater intrusion threaten sidewall stability, it may be necessary to backfill the excavations prior to receipt of analytical results from confirmation samples. Residual concentrations of COCs and any potential corrective actions required will be further evaluated in the corrective measures study (CMS).

### **3.4 CONTAMINATED SOIL STOCKPILES**

Soils previously determined to be hazardous (as determined through previous RFI sampling) will either be loaded directly into transport trucks or stockpiled. Stockpiled soils will be placed upon prepared areas close to areas being excavated. Plastic poly sheeting will be placed over the prepared stockpile base such that sufficient poly sheeting will extend beyond the pile bottom to allow the sheeting to be wrapped up and over the bottom of the pile in conjunction with sheeting placed over the pile. At the end of each work day, and at any time wherein inclement weather threatens to drench the stockpile, poly sheeting will be placed over the pile and folded over/pinned to the bottom sheeting, thus enclosing the stockpile. This will prevent any contaminated soil run-off from leaving the pile. The locations of stockpiles will coincide with areas to be excavated. After the final stockpile is removed, contaminated soils under the stockpile will be excavated and directly loaded into transport trucks for disposal.

During each workday, exposed stockpile soil and workface exposed soil will be sprayed with clean water as necessary to prevent soil from becoming airborne. All excavation work will cease if winds exceed 25 MPH on a sustained basis.

### **3.5 BACKFILL MATERIAL**

Each excavation will be backfilled with some combination of building rubble (i.e. crushed concrete and cinder blocks) that has been deemed appropriate for re-use as fill and imported backfill material fill. Imported backfill will be obtained from a local source and tested using the toxicity characteristic leaching procedure (TCLP) for VOCs, SVOCs and metals. Backfill testing will occur prior to delivery of the fill material to the Site and will be considered representative of all soil from that specific source.

## **4 SOIL INTERIM MEASURE CONFIRMATION SAMPLING**

To confirm that soil with COC concentrations exceeding IAOs has been excavated, soil samples will be collected following excavation. As discussed previously, field observations including visual checks for discoloration or staining of the soil and VOC headspace readings using a PID will be conducted during the excavation of each source area. Clean Harbors may also elect to analyze samples using an on-site mobile lab to determine if IAOs have been achieved prior to collection of final confirmatory soil samples. If field observations provide indications that IAOs have been achieved, soil samples will be collected and submitted to a Kansas certified laboratory for analysis of VOCs by EPA Method 8260.

Figure 11 depicts each of the soil source areas that will be excavated as a part of this IRM. Each of the excavation areas has been divided into a grid as shown on the figure. One final confirmatory soil sample will be collected from the excavation bottom of each grid area (total of 40 excavation bottom samples) and submitted for analysis of VOCs by 8260. Confirmatory soil samples will not be collected from the excavation floor if groundwater inundates the excavation. However, every attempt to collect excavation floor samples prior to reaching the depth of first encountered groundwater will be made. Additionally, for those grid areas located at the perimeter of an excavation area, one sidewall sample (total of 37 sidewall samples) will be collected and submitted for VOC analysis by 8260. The results of the final confirmatory soil sampling will be presented in the Soil Interim Measure Completion Report.

## **5 SOIL INTERIM MEASURE COMPLETION REPORT**

A soil interim measure completion report will be prepared upon completion of the IRM. The IRM Completion Report will include a summary of the decontamination, demolition, excavation and backfill activities and present all final confirmatory soil sample results. The IRM Completion Report will also include a photo log and provide copies of all waste characterization samples and hazardous materials manifests and/or bills of lading. The completion report will be certified by a Kansas professional engineer.

A Corrective Measures Study (CMS) will be prepared following completion of the IRM to satisfy permit requirement III.K. The CMS will further evaluate the effectiveness of the excavation remedy and provide recommendations regarding its suitability as a final remedy for the Site. The CMS will also provide recommendations for additional remedial actions, if necessary, to address residual impacts not addressed through the IRM.

## **6 INTERIM MEASURE SCHEDULE**

The implementation of this IRM has been separated into four phases, each associated with specific areas of the facility. The areas associated with each phase of work are depicted on Figure 12. A schedule depicting the work elements associated with each phase is presented as Figure 13.

### **Phase I**

Phase I of this scope of work includes the decontamination of Building J and the excavation and restoration of impacted soils beneath building J, west of Building I and in the area in between buildings J and I. Decontamination of Building J was completed in February 2014. The results of rinsate samples collected following building decontamination will be submitted to KDHE and EPA for review and approval with this work plan. These rinsate results will be used to determine if concrete to be removed from the floor of Building J can be stockpiled and later reused as backfill. Once this determination has been made, Phase I soils will be excavated and removed in accordance with this plan and existing surfaces will be restored to allow for continuing operation of these buildings.

### **Phase II**

Phase II of this scope of work includes the excavation of impacted soils to the south and east of Building J. As no structures are present within the phase II area, no building decontamination or demolition is required prior to beginning excavation. Impacted soil will be excavated and surfaces restored in accordance with this plan.

### **Phase III**

Phase III of this scope of work includes the decontamination, demolition and excavation of Building C as well as the excavation of the Trailer Parking Area and the Southwest Fenceline Area. Following completion of phase I, ongoing hazardous waste operations within Building C will be moved to Building I to allow for phase III of this interim measure to commence.

### **Phase IV**

Phase IV of this interim measure includes decontamination and demolition of Buildings B, D and the processing area and excavation of underlying soil with COC concentrations in excess of IAOs. Phase IV activities will be performed in accordance with the procedures described in this plan.

The baseline summary is presented in Figure 13. This schedule will be updated periodically throughout the project and updated schedules will be forwarded to KDHE and EPA every two weeks for the duration of IRM activities.

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**TABLES**

**TABLE 1**  
**Soil Interim Action Objectives (IAOs)**  
**Clean Harbors (Wichita) Facility**

Chemical of Concern	Interim Action Objective mg/kg
1,1,1-Trichloroethane	2.8
1,1,2,2-Tetrachloroethane	0.016
1,1-Dichloroethane	0.269
1,2,4-Trimethylbenzene	1.07
1,3,5-Trimethylbenzene	5.51
Chlorobenzene	5.1
cis-1,2-Dichloroethene	0.855
Ethylbenzene	65.6
Isopropylbenzene	65.1
m-Xylene & p-Xylene	809
n-Butylbenzene	10.2
n-Propylbenzene	110
Naphthalene	0.349
o-Xylene	809
p-Isopropyltoluene	NA
sec-Butylbenzene	8.27
tert-Butylbenzene	NA
Tetrachloroethene	0.121
Toluene	51.2
trans-1,2-Dichloroethene	1.22
Trichloroethene	0.0842
Vinyl Chloride	0.0205
1,1-Dichloroethene	0.0859
1,4-Dioxane	0.349
Arsenic	63.2
Chromium	111
Lead	1,000

Notes:

IAO - Interim Action Objective.

VOC and SVOC IAOs are the KDHE Tier II residential soil to groundwater screening levels, KDHE RSK Manual 5th Edition (2010)  
 Metal IAOs are the direct contact with industrial soil values from the KDHE RSK Manual 5th Edition (2010)

**Table 2**  
**Analytical Results for Detected VOCs in Soil (ug/kg)**  
**Clean Harbors Wichita**

Boring ID	Depth (ft. bgs.)	Date Collected	Tetrachloroethene	Trichloroethene	1,1-Dichloroethene	Cis-1,2-Dichloroethene	Trans-1,2-Dichloroethene	Vinyl Chloride	1,1,2,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Dichloroethane	1,2-Dichloroethane	Benzene	Ethylbenzene	M,P-Xylenes	O-Xylene	Methyl Ether	Tert-Butyl Naphthalene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	2-Butanone	Acetone	4-Isopropyltoluene	
			Interim Action Objective-->	121	84.2	85.9	855	1220	20.5	16	2800	81	269	60	168	65600	51200	809000	809000	848	349	1070	5510	24200	51600
<b>RFI PHASE IV RESULTS</b>																									
A8-1	0.5	10/1/2013	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<8.7	<4.3	<4.3	<4.3	<4.3	<4.3	<22	<43	<4.3	
A8-1	2	10/1/2013	2.7	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<6.4	<3.2	<3.2	<3.2	<3.2	<3.2	<16	<32	<3.2	
A8-1	5	10/1/2013	1.5	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<6.7	<3.4	<3.4	<3.4	<3.4	<3.4	<17	<34	<3.4	
A8-1	10	10/1/2013	2.0	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<7.5	<3.8	<3.8	<3.8	<3.8	<3.8	<19	<38	<3.8	
A8-1	15	10/1/2013	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<17	<8.3	<8.3	<8.3	<8.3	<8.3	<42	<83	<8.3	
A8-1	17	10/1/2013	7.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	1.9	<6.9	<3.4	<3.4	<3.4	<3.4	<17	41.8	<3.4	
A10-1	2	10/2/2013	5.4	15.0	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<10	<5.2	<5.2	<5.2	<5.2	<5.2	<26	<52	<5.2	
A10-1	5	10/2/2013	104	175	<4.5	4.8	<4.5	<4.5	<4.5	<4.5	<4.5	5.7	<4.5	<4.5	<4.5	<9	<4.5	<4.5	<4.5	<4.5	<4.5	<22	<45	<4.5	
A10-1	10	10/2/2013	20.6	13.9	<4.8	<4.8	<4.8	<4.8	<4.8	2.7	<4.8	7.1	<4.8	<4.8	<4.8	<9.6	<4.8	<4.8	<4.8	<4.8	<4.8	<24	<48	<4.8	
A10-1	15	10/2/2013	2.7	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<8.5	<4.2	<4.2	<4.2	<4.2	<4.2	<21	<42	<4.2	
A10-2	0.5	10/11/2013	52.9	7.7	3.8	15.3	<3.6	<3.6	<3.6	60.3	<3.6	14.3	<3.6	<3.6	<3.6	<7.1	<3.6	<3.6	<3.6	<3.6	<3.6	<18	<36	<3.6	
A10-2	2	10/11/2013	98.5	10.3	9.3	74.9	<1.8	<1.8	157.0	<1.8	67.5	<1.8	<1.8	<1.8	<1.8	<3.7	<1.8	<1.8	<1.8	<1.8	<1.8	<9.2	<18	<1.8	
A10-2	5	10/11/2013	11.4	1.3	<6	12.5	<6	<6	10.4	<6	9.0	<6	<6	<6	<6	<12	<6	<6	<6	<6	<6	<30	<60	<6	
A10-2	10	10/11/2013	4.9	<5.2	<5.2	6.3	<5.2	<5.2	7.3	<5.2	4.2	<5.2	<5.2	<5.2	<5.2	<10	<5.2	<5.2	<5.2	<5.2	<5.2	<26	<52	<5.2	
A10-2	15	10/11/2013	49.8	5.6	<5.1	9.6	<5.1	<5.1	5.1	9.6	<5.1	5.7	<5.1	<5.1	<5.1	<10	<5.1	<5.1	<5.1	<5.1	<5.1	<25	<51	<5.1	
A10-2	17	10/2/2013	125	14.6	12.3	137	<4.7	<4.7	261	<4.7	129	<4.7	<4.7	<4.7	<4.7	<9.3	<4.7	<4.7	<4.7	<4.7	<4.7	16.5	70.6	<4.7	
A10-2	18	10/11/2013	289	56.9	40.1	378	1.2	3.4	<3.9	592	<3.9	221	1.8	<3.9	<3.9	<7.8	<3.9	<3.9	<3.9	<3.9	<3.9	<20	<39	<3.9	
A10-3	2	10/3/2013	113	<6	<6	<6	<6	<6	2.0	<6	<6	<6	<6	<6	<6	<12	<6	<6	<6	<6	<6	<30	<60	<6	
A10-3	5	10/3/2013	166	<5.7	<5.7	<5.7	<5.7	<5.7	3.3	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11	<5.7	<5.7	<5.7	<5.7	<5.7	<28	<57	<5.7	
A10-3	10	10/3/2013	97.2	<4.5	<4.5	<4.5	<4.5	<4.5	4.3	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<9	<4.5	<4.5	<4.5	<4.5	<4.5	<22	<45	<4.5	
A10-4	2	10/1/2013	8620	3.8	<7	<7	<7	<7	14.8	<7	<7	<7	<7	<7	75.3	160.0	536.0	414.0	<7	<7	75.6	68.1	<35	<70	<7
A10-4	5	10/1/2013	10000	10.3	<5.3	<5.3	<5.3	<5.3	2.8	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	325.0	437.0	168.0	<5.3	<5.3	<5.3	<5.3	<27	<53	<5.3
A10-4	10	10/1/2013	2480	3.9	<6.7	<6.7	<6.7	<6.7	6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<13	<6.7	<6.7	<6.7	<6.7	<6.7	<33	<67	<6.7
A10-4	27	10/1/2013	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<5.8	<2.9	<2.9	<2.9	<2.9	<2.9	<14	<29	<2.9
A10-5	2	10/3/2013	557	8.6	<6.3	<6.3	<6.3	<6.3	6.3	<6.3	2.4	<6.3	<6.3	<6.3	<6.3	<6.3	<13	<6.3	<6.3	<6.3	<6.3	<6.3	<32	<63	<6.3
A10-5	5	10/3/2013	52																						

**Table 2**  
**Analytical Results for Detected VOCs in Soil (ug/kg)**  
**Clean Harbors Wichita**

Boring ID	Depth (ft. bgs.)	Date Collected	Tetrachloroethene	1,1-Dichloroethene	Cis-1,2-Dichloroethene	Trans-1,2-Dichloroethene	1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,2-Dichloroethane	Ethylbenzene	M,P-Xylenes	O-Xylene	Methyl Ether	Tert-Butyl Naphthalene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	2-Butanone	Acetone	4-Isopropyltoluene				
			121	84.2	85.9	855	1220	20.5	16	2800	81	269	60	168	65600	51200	809000	809000	848	349	1070	5510	24200	51600	NA
<b>Interim Action Objective--&gt;</b>																									
A12-4	5	10/9/2013	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<19	30.3	<3.7	
A12-5	0.5	10/9/2013	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<12	<6	<6	<6	<6	<30	<60	<6	
A12-5	2	10/9/2013	1.3	3.0	<4.3	32.9	2.0	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	2.5	8.0	7.2	1.5	<4.3	<4.3	<4.3	<4.3	8.3	101	<4.3
A12-5	5	10/9/2013	<4.9	<4.9	<4.9	1.8	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<24	45.7	<4.9
BC-1	0.5	10/17/2013	112	2.9	<3.3	<3.3	<3.3	<3.3	<3.3	8.4	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<17	<33	<3.3
BC-1	2	10/17/2013	29.1	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	3.2	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<14	<28	<2.8	
BC-2	0.5	10/17/2013	20300	53.6	<2.8	<2.8	<2.8	<2.8	<2.8	12.7	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<14	<28	<2.8	
BC-2	2	10/17/2013	495	15.6	<3.2	<3.2	<3.2	<3.2	<3.2	5.9	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<16	<32	<3.2
BC-3	0.5	10/17/2013	24.1	5.5	<3.1	<3.1	<3.1	<3.1	<3.1	3.7	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<16	<31	<3.1	
BC-3	2	10/17/2013	27.2	3.0	<3	<3	<3	<3	<3	4.3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<15	<30	<3	
BC-4	0.5	10/17/2013	7.9	2.7	<4.4	<4.4	<4.4	<4.4	<4.4	2.9	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<22	<44	<4.4	
BC-4	2	10/17/2013	8.0	1.4	<3.2	<3.2	<3.2	<3.2	<3.2	2.1	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<16	<32	<3.2	
DC-1	0.5	10/16/2013	214	166	5.6	135	2.1	<3.1	<3.1	52.2	<3.1	7.0	<3.1	<3.1	<3.1	6.3	<6.2	<3.1	<3.1	<3.1	<3.1	<16	<31	<3.1	
DC-1	2	10/16/2013	2240	695	13.4	503	3.3	<3.1	<3.1	291	<3.1	15.2	<3.1	<3.1	<3.1	1.1	<6.2	<3.1	<3.1	<3.1	<3.1	<15	12.3	<3.1	
DC-10	0.5	10/9/2013	13.2	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	3.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.6	<4.8	<4.8	<4.8	<4.8	<4.8	<24	<48	<4.8	
DC-10	2	10/9/2013	3.0	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<8.2	<4.1	<4.1	<4.1	<4.1	<4.1	<20	<41	<4.1	
DC-11	0.5	10/9/2013	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<8.7	<4.3	<4.3	<4.3	<4.3	<4.3	11.6	69.9	<4.3	
DC-11	2	10/9/2013	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<7.6	<3.8	<3.8	<3.8	<3.8	<3.8	<19	<38	<3.8	
DC-12	0.5	10/9/2013	43600	13700	45.0	2940	14.7	<4.6	<4.6	1830	<4.6	34.6	<4.6	<4.6	<4.6	<9.2	<4.6	<4.6	<4.6	<4.6	<4.6	<23	<46	<4.6	
DC-12	2	10/9/2013	4950	742	14.2	260	7.2	<4.6	<4.6	237	<4.6	21.6	<4.6	<4.6	<4.6	<9.1	<4.6	<4.6	<4.6	<4.6	<4.6	<23	<46	<4.6	
DC-13	0.5	10/16/2013	948	155	6.6	57.4	1.9	<3.9	<3.9	55.4	<3.9	7.9	<3.9	<3.9	<3.9	<7.9	<3.9	<3.9	<3.9	<3.9	<3.9	<20	<39	<3.9	
DC-13	2	10/16/2013	511	81.6	5.1	49.4	<3.8	<3.8	<3.8	40.8	<3.8	6.2	<3.8	<3.8	<3.8	<7.7	<3.8	<3.8	<3.8	<3.8	<3.8	<19	64.1	<3.8	
DC-13	5	10/16/2013	329	58.6	4.0	61.4	<4.2	<4.2	<4.2	29.1	<4.2	5.8	<4.2	<4.2	<4.2	<8.5	<4.2	<4.2	<4.2	<4.2	<4.2	<21	<42	<4.2	
DC-14	0.5	10/9/2013	85.1	27.8	4.4	1.0	<3.7	<3.7	27.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<7.3	<3.7	<3.7	<3.7	<3.7	<3.7	<18	<37	<3.7	
DC-14	2	10/9/2013	93.5	12.6	1.6	<4.8	<4.8	<4.8	17.9	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.6	<4.8	<4.8	<4.8	<4.8	<4.8	<24	<48	<4.8	
DC-15	0.5	10/9/2013	30800	13700	39.7	3850	35.5	<3.8	<3.8	2550	<3.8	73.9	<3.8	<3.8	2.2	<3.8	2.4	1340	533	<3.8					

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**Clean Harbors Wichita**

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Boring ID	Depth (ft. bgs.)	Date Collected	Tetrachloroethene	1,1-Dichloroethene	Cis-1,2-Dichloroethene	Trans-1,2-Dichloroethene	1,1,2-Dichloroethane	1,1,1-Tetrachloroethane	1,1,2-Dichloroethane	1,1-Dichloroethane	1,2-Dichloroethane	Ethylbenzene	M,P-Xylenes	Toluene	Methyl Ether	Tert-Butyl Ether	Naphthalene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	2-Butanone	Acetone	4-Isopropyltoluene				
			Interim Action Objective-->	121	84.2	85.9	855	1220	20.5	16	2800	81	269	60	168	65600	51200	809000	809000	848	349	1070	5510	24200	51600	NA
S10-1	2	10/7/2013	52300	2480	2.7	716	4.4	<4.3	<4.3	110	<4.3	8.8	<4.3	<4.3	<4.3	<8.6	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<22	<43	<4.3	
S10-1	5	10/7/2013	35500	2290	4.5	770	2.9	<4	<4	116	<4	9.2	<4	<4	<4	<8.1	<4	<4	<4	<4	<4	<4	<20	<40	<4	
S10-1	10	10/7/2013	848000	29300	223	7250	<290	<290	<290	10400	<290	124	<290	<290	<290	92.9	<570	<290	<290	<290	<290	<290	<290	<1400	<2900	<290
S10-1	15	10/7/2013	15700	2100	2.8	2030	2.9	<5	<5	70.5	2.1	19.2	<5	<5	<5	<9.9	<5	<5	<5	<5	<5	<5	<5	<25	28.5	<5
S10-1	16.5	10/7/2013	13100	834	<3.9	956	0.8	<3.9	<3.9	20.6	<3.9	4.5	<3.9	<3.9	<3.9	<7.8	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9	<20	<39	<3.9	
S10-2	5	10/10/2013	3960	583	3.5	563	2.7	<4.4	<4.4	23.8	<4.4	16.3	<4.4	<4.4	<4.4	<8.7	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<22	<44	<4.4	
S10-2	10	10/10/2013	3790	459	4.9	431	3.1	<3.6	<3.6	44.6	<3.6	16.4	<3.6	<3.6	<3.6	<7.1	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<18	<36	<3.6	
S10-2	15	10/10/2013	3500	742	7.3	849	4.4	<3.8	<3.8	71.8	<3.8	26.2	<3.8	0.8	<3.8	<7.6	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<19	<38	<3.8	
S10-2	20	10/10/2013	<4.4	<4.4	<4.4	2.0	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<8.8	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<22	18.8	<4.4	
S1-1	0	10/8/2013	11.0	4.5	<4.1	4.9	<4.1	<4.1	<4.1	6.0	<4.1	1.2	<4.1	<4.1	<4.1	<8.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<20	17.4	<4.1	
S1-1	0.5	10/8/2013	4.7	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<8.6	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<21	46.1	<4.3	
S1-1	2	10/8/2013	62.6	11.3	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	2.5	<4.1	3.6	<4.1	<4.1	<8.2	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<21	31.4	<4.1
S1-1	5	10/8/2013	47.7	3.4	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9	<7.8	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9	<20	27.7	<3.9	
S1-1	10	10/8/2013	72.8	6.6	<2.7	0.8	<2.7	<2.7	<2.7	6.0	<2.7	0.6	<2.7	<2.7	<2.7	<5.4	<2.7	0.6	<2.7	<2.7	<2.7	<2.7	<13	<27	<2.7	
S1-1	15	10/8/2013	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<8.4	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<21	18.0	<4.2	
S1-2	0.5	10/17/2013	<3.7	<3.7	<3.7	4.4	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	1.2	<7.5	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	28.0	44.2	<3.7
S1-2	2	10/17/2013	3.3	5.1	7.8	8740	18.8	277	<4.2	<4.2	<4.2	44.4	<4.2	3.3	2.0	14.7	11.3	10.4	2.4	<4.2	<4.2	<4.2	<4.2	<21	28.7	<4.2
S1-2	5	10/17/2013	1.7	<4.5	<4.5	6.1	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	2.0	1.9	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<22	51.1	<4.5
S1-2	10	10/17/2013	44.1	7.1	<2.9	211	<2.9	<2.9	<2.9	16.0	<2.9	12.5	<2.9	<2.9	<2.9	<2.9	<5.9	<2.9	2.3	<2.9	<2.9	<2.9	<2.9	<15	13.2	<2.9
S1-2	15	10/17/2013	66.6	17.3	1.7	729	<3.5	<3.5	<3.5	40.5	<3.5	14.6	<3.5	<3.5	<3.5	<7	<3.5	1.3	<3.5	<3.5	<3.5	<3.5	<3.5	<18	15.2	<3.5
S1-2	16	10/17/2013	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<9.3	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<23	<46	<4.6	
S2-1	0.5	10/18/2013	137	20.8	7.1	2.1	1.2	<4	<4	111.0	<4	23.7	<4	<4	2.5	13.9	13.2	4.1	<4	<4	<4	<4	<4	<20	40	<4
S2-1	2	10/18/2013	48.0	6.5	<4.6	<4.6	<4.6	<4.6	<4.6	44.1	<4.6	23.9	<4.6	<4.6	<4.6	<9.2	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<23	25.7	<4.6	
S2-1	5	10/18/2013	28.5	11.0	<3.4	6.2	<3.4	<3.4	<3.4	14.5	<3.4	9.0	<3.4	<3.4	<3.4	<6.8	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<17	27.7	<3.4	
S2-1	10	10/18/2013	50.9	52.6	4.1	84.7	<5	<5	<5	32.8	<5	14.1	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<25	<50	<5
S2-1	15	10/18/2013	24.1	19.5	<5	14.5	<5	<																		

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**Clean Harbors Wichita**

Boring ID	Depth (ft. bgs.)	Date Collected	Tetrachloroethene	1,1-Dichloroethene	Cis-1,2-Dichloroethene	Trans-1,2-Dichloroethene	Vinyl Chloride	1,1,2,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	Dichloroethane	Ethylbenzene	M,P-Xylene	Toluene	O-Xylene	Methyl Tert-Butyl Ether	Naphthalene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	2-Butanone	Acetone	4-Isopropyltoluene		
			121	84.2	85.9	855	1220	20.5	16	2800	81	269	60	168	65600	51200	809000	809000	848	349	1070	5510	24200	51600	NA
<b>Interim Action Objective--&gt;</b>																									
S4-2	18	10/15/2013	106	17.0	<4.5	64.9	<4.5	<4.5	<4.5	5.8	<4.5	1.8	<4.5	<4.5	<4.5	<9.1	<4.5	<4.5	<4.5	<4.5	<4.5	<23	<45	<4.5	
S11-1	0.5	10/3/2013	4010	1200	6.1	47.8	1.9	<4	<4	<4	<4	9.3	<4	<4	<4	<8	<4	<4	<4	<4	<4	<20	42.2	<4	
S11-1	2	10/3/2013	960	333	3.3	152	3.3	<4.3	<4.3	19.5	<4.3	6.0	<4.3	<4.3	<4.3	<8.7	<4.3	<4.3	<4.3	<4.3	<4.3	<22	<43	<4.3	
S11-1	5	10/3/2013	40900	6310	4.7	2070	4.4	<3.9	<3.9	34.5	<3.9	12.1	<3.9	<3.9	<3.9	<7.7	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9	<19	<39	<3.9
S11-1	10	10/3/2013	13400	1860	<4.1	498	<4.1	<4.1	<4.1	140	<4.1	21.6	<4.1	<4.1	<4.1	<8.3	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<21	<41	<4.1
S11-1	15	10/3/2013	3780	815	7.2	874	4.8	<4.1	<4.1	69.8	<4.1	29.9	<4.1	<4.1	<4.1	<8.2	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<21	<41	<4.1
S11-1	18.5	10/3/2013	1000	110	1.5	460	2.1	<4.2	<4.2	13.1	<4.2	3.6	<4.2	<4.2	<4.2	<8.4	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<21	26.2	<4.2
S11-1A	20	10/16/2013	<3.6	<3.6	<3.6	3.9	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<7.1	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<18	<36	<3.6
S11-2	0	10/3/2013	19.3	2.7	<5.9	2.3	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<12	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<29	<59	<5.9
S11-2	0.5	10/3/2013	<4.3	<4.3	22.1	135	4.2	2.0	<4.3	<4.3	39.8	<4.3	<4.3	<4.3	<4.3	<8.6	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	8.9	84.4	<4.3
S11-2	2	10/3/2013	328	102	4.9	316	3.8	<4.4	<4.4	1.6	<4.4	29.9	<4.4	<4.4	<4.4	<8.7	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<22	<44	<4.4
S11-2	5	10/3/2013	779	69.9	3.1	320	0.8	<3.6	<3.6	14.1	<3.6	6.0	<3.6	<3.6	<3.6	<7.3	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<18	<36	<3.6
S11-2	10	10/3/2013	1570	301	11.5	753	3.4	<4.7	<4.7	61.4	<4.7	25.0	<4.7	<4.7	<4.7	<9.5	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<24	<47	<4.7
S11-2	15	10/3/2013	295	84.5	9.2	262	2.4	<4.3	<4.3	55.2	<4.3	18.6	<4.3	<4.3	<4.3	<8.5	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<21	<43	<4.3
S11-3	0.5	10/11/2013	23.4	14.6	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	7.9	<3.5	<3.5	<3.5	<3.5	<6.9	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<17	<35	<3.5
S11-3	2	10/11/2013	31.9	6.2	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	5.0	<2.5	<2.5	<2.5	<2.5	<5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<12	<25	<2.5
S11-3	5	10/11/2013	22.7	2.8	<4.2	3.2	<4.2	<4.2	<4.2	<4.2	2.2	<4.2	<4.2	<4.2	<4.2	<8.3	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<21	<42	<4.2
S11-3	10	10/11/2013	95.6	20.4	<3.7	39.4	<3.7	<3.7	<3.7	<3.7	8.8	<3.7	2.0	<3.7	<3.7	<7.4	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<19	<37	<3.7
S11-3	15	10/11/2013	276	32.3	<4.3	27.0	<4.3	<4.3	<4.3	<4.3	8.4	<4.3	0.9	<4.3	<4.3	<8.7	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<22	<43	<4.3
S11-3	16	10/11/2013	407	81.2	2.7	139	<3.6	<3.6	<3.6	<3.6	31.8	<3.6	5.7	<3.6	<3.6	<7.2	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<18	<36	<3.6
S13-1	0.5	10/10/2013	90.6	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	2.8	<3.7	<3.7	<3.7	<3.7	<7.5	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<19	<37	<3.7
S13-1	2	10/10/2013	58.8	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	1.6	<3.6	<3.6	<3.6	<3.6	<7.2	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<18	<36	<3.6
S13-1	5	10/10/2013	148	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	2.1	<3.7	<3.7	<3.7	<3.7	<7.4	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<19	<37	<3.7
S13-1	10	10/10/2013	4.8	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<9.1	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<23	<46	<4.6
S13-1	12	10/10/2013	19.6	2.0	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	1.4	<4.1	<4.1	<4.1	<4.1	<8.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<20		

**Table 2**  
**Analytical Results for Detected VOCs in Soil (ug/kg)**  
**Clean Harbors Wichita**

Boring ID	Depth (ft. bgs.)	Date Collected	Tetrachloroethene	1,1-Dichloroethene	Cis-1,2-Dichloroethene	Trans-1,2-Dichloroethene	1,1,2-Chloride	1,1,1-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,2-Dichloroethane	Benzene	Ethylbenzene	M,P-Xylenes	O-Xylene	Methyl Ether	Tert-Butyl Naphthalene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	2-Butanone	Acetone	4-Isopropyltoluene			
			121	84.2	85.9	855	1220	20.5	16	2800	81	269	60	168	65600	51200	809000	809000	848	349	1070	5510	24200	51600	NA
		Interim Action Objective-->																							
S14-3	5	10/8/2013	18.9	<4.2	1.2	2.8	<4.2	<4.2	26.8	<4.2	<4.2	<4.2	<4.2	<4.2	<8.4	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<21	22.7	<4.2	
S14-4	0.5	10/7/2013	2240	31700	<260	3760	376.0	<260	<260	277	<260	195	<260	<260	<260	<510	<260	<260	<260	<260	<260	<260	<1300	<2600	<260
S14-4	2	10/7/2013	43.0	851	<3.9	37.0	3.2	<3.9	<3.9	16.4	<3.9	4.9	<3.9	<3.9	<3.9	<3.9	<7.9	<3.9	<3.9	<3.9	<3.9	<3.9	<20	<39	<3.9
S14-4	5	10/7/2013	41.1	445	<4.2	14.4	1.2	<4.2	<4.2	13.4	<4.2	2.3	<4.2	<4.2	<4.2	<8.4	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<21	20.4	<4.2
S14-4	10	10/7/2013	14.5	65.6	<4	2.3	<4	<4	<4	2.2	<4	<4	<4	<4	<4	<8.1	<4	<4	<4	<4	<4	<4	<20	<40	<4
S14-4	14.8	10/7/2013	38.4	221	<3.9	13.4	1.5	<3.9	<3.9	9.8	<3.9	3.9	<3.9	<3.9	<3.9	<7.8	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9	<19	<39	<3.9
S14-4	15	10/7/2013	97.4	89.9	<4.4	<4.4	<4.4	<4.4	<4.4	12.4	<4.4	<4.4	<4.4	<4.4	<4.4	<8.7	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<22	<44	<4.4
S14-5	0.5	10/7/2013	121	145	1.2	<3.7	<3.7	<3.7	<3.7	57.0	<3.7	<3.7	<3.7	<3.7	<3.7	<7.5	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<19	<37	<3.7
S14-5	2	10/7/2013	60.1	56.0	<5.1	<5.1	<5.1	<5.1	<5.1	31.0	<5.1	<5.1	<5.1	<5.1	<5.1	<10	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<25	38.6	<5.1
S14-5	5	10/7/2013	22.2	10.0	<3.6	<3.6	<3.6	<3.6	<3.6	6.6	<3.6	<3.6	<3.6	<3.6	<3.6	<7.2	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<18	<36	<3.6
S17-1	2	10/7/2013	2800	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<9.2	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<23	<46	<4.6
S17-1	5	10/7/2013	170	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.6	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<24	21.2	<4.8
S17-1	10	10/7/2013	622	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<7.2	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<18	<36	<3.6
S17-1	13	10/7/2013	1540	1.1	<3.5	1.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<7.1	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<18	34.8	<3.5
S17-1	15	10/7/2013	5330	15.3	<3.8	24.2	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<7.7	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<19	39.1	<3.8
S17-1	35	10/7/2013	1.7	24.2	<4.7	1.9	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<9.5	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<24	26.8	<4.7
S17-2	0.5	10/4/2013	8.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<8.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<20	<41	<4.1
S17-2	2	10/4/2013	65.1	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<9.7	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<24	36.0	<4.9
S17-2	5	10/4/2013	12.3	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<7.7	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<19	<38	<3.8
S17-2	10	10/4/2013	45.1	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<6.9	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<17	<34	<3.4
S17-2	15	10/4/2013	10.6	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<8.7	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<22	<43	<4.3
S17-2	17	10/4/2013	23.8	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<8.5	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<21	<42	<4.2
S18-1	2	10/7/2013	9.3	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<12	<6	<6	<6	<6	<6	<6	<30	72.5	<6
S18-1	5	10/7/2013	10.3	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<7.5	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<19	19.9	<3.7
S18-1	10	10/7/2013	23.9	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<7.4	<3.7	<3.7	<3.7	<3.7	&				

**Table 2**  
**Analytical Results for Detected VOCs in Soil (ug/kg)**  
**Clean Harbors Wichita**

Boring ID	Depth (ft. bgs.)	Date Collected	Tetrachloroethene	Trichloroethene	1,1-Dichloroethene	Cis-1,2-Dichloroethene	Trans-1,2-Dichloroethene	Vinyl Chloride	1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	Dichloroethane	Ethylbenzene	M,P-Xylenes	Toluene	O-Xylene	Methyl Ether	Tert-Butyl Naphthalene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	2-Butanone	Acetone	4-Isopropyltoluene		
			Interim Action Objective-->	121	84.2	85.9	855	1220	20.5	16	2800	81	269	60	168	65600	51200	809000	809000	848	349	1070	5510	24200	51600	NA
S18-6	5	10/7/2013	14.2	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<7.4	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<19	<37	<3.7	
S18-6	10	10/7/2013	41.2	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<6.9	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<17	<35	<3.5	
S18-6	15	10/7/2013	43.0	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<8.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<20	<41	<4.1
S20-1	2	10/7/2013	88.3	3.9	<4.3	0.9	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<8.7	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<22	29.5	<4.3
S20-1	5	10/7/2013	16.2	1.3	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<7.7	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<19	16.2	<3.8
S20-1	10	10/7/2013	8.7	3.6	<6.3	1.4	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<13	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<31	65.5	<6.3
S20-1	13	10/7/2013	7.4	6.0	<4.3	3.1	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	1.1	<8.5	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<21	59.8	<4.3
S20-1	15	10/7/2013	6.6	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<8.4	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<21	18.3	<4.2
S22-1	0.5	10/18/2013	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<11	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<27	784	<5.4
S22-1	2	10/9/2013	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<8.3	<4.1	<4.1	<18.4	7.2	<4.1	29.1	148	<4.1		
S22-1	5	10/9/2013	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	2.4	<4.6	<4.6	10.0	6.6	<4.6	15.0	85.2	<4.6		
S22-1	10	10/9/2013	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<7.9	<4	<4	3.4	3.9	<4	5.2	37.8	<4		
S22-1	15	10/9/2013	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	3.3	<4.8	<4.8	8.0	<4.8	<4.8	21.7	<4.8			
S22-1	16	10/9/2013	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<8.5	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<21	26.6	<4.3	
S22-2	0.5	10/9/2013	<4.4	<4.4	57.1	3.6	29.2	<4.4	<4.4	<4.4	<4.4	21.2	<4.4	14.4	51300.0	3480.0	123000.0	8300.0	<4.4	65.7	11300	2220.0	31.9	157	25.5	
S22-2	2	10/9/2013	<280	<280	104	<280	<280	<280	<280	<280	<280	<280	<280	<280	29700	3030	83900	6230	<280	996	8590	2250	<1400	<2800	271	
S22-2	5	10/9/2013	613	<300	<300	1060	<300	<300	<300	<300	<300	<300	<300	<300	90700	66400	322000	102000	<300	737	14700	5200	<1500	<3000	326	
S22-2	10	10/9/2013	<3.4	<3.4	<3.4	18.0	<3.4	7.9	<3.4	1.5	<3.4	10.3	<3.4	2.1	3150.0	7740.0	13100.0	4490.0	<3.4	13.2	83.2	25.3	10.5	47.5	1.2	
S22-2	15	10/9/2013	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	44.2	51.4	241.0	61.6	<4.3	3.6	12.0	2.8	<21	<43	<4.3	
S22-2	17	10/9/2013	<3.8	<3.8	4.0	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	338.0	78.3	245.0	95.9	<3.8	6.2	63.3	18.0	20.6	34.2	1.8	
S24-1	2	10/10/2013	21.5	44.6	1.8	12.2	2.6	<5.6	<5.6	41.4	<5.6	15.5	<5.6	<5.6	<5.6	<5.6	<11	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<28	<56	<5.6
S24-1	5	10/10/2013	22.5	5.1	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	1.6	<4.2	<4.2	<4.2	<4.2	<4.2	<8.3	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<21	<42	<4.2
S24-1	10	10/10/2013	14.6	4.1	<4	<4	<4	<4	<4	<4	2.4	<4	<4	<4	<4	<4	<8	<4	<4	<4	<4	<4	<4	<20	<40	<4
S24-1	15	10/10/2013	23.7	2.2	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	1.5	<3.5	<3.5	<3.5	<3.5	<3.5	<7.1	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<18	<35	<3.5
S24-1	17	10/10/2013	61.6	2.7	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	1.1	<4.4	<4.4	<4.4	<4.4	<4.4	1.0	<8.8	<4.4	<4.4	<4.					

**Table 2**  
**Analytical Results for Detected VOCs in Soil (ug/kg)**  
**Clean Harbors Wichita**

**Table 2**  
**Analytical Results for Detected VOCs in Soil (ug/kg)**  
**Clean Harbors Wichita**

Boring ID	Depth (ft. bgs.)	Date Collected	Tetrachloroethene		1,1-Dichloroethene		Cis-1,2-Dichloroethene		Trans-1,2-Dichloroethene		1,1,2-Chloroethane		1,1,1-Trichloroethane		1,1,2-Trichloroethane		1,1-Dichloroethane		1,2-Dichloroethane		Ethylbenzene		M,P-Xylenes		O-Xylene		Methyl Ether		Tert-Butyl Naphthalene		1,2,4-Trimethylbenzene		1,3,5-Trimethylbenzene		2-Butanone		Acetone		4-Isopropyltoluene	
			Interim Action Objective->	121	84.2	85.9	855	1220	20.5	16	2800	81	269	60	168	65600	51200	809000	809000	848	349	1070	5510	24200	51600	NA														
A12-9	20	12/17/2013	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	NA	<4	<8.1	<4	<4	<8.1	<16.1	<4															
BC-5	5	12/18/2013	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	NA	<3.2	<6.4	<3.2	<3.2	<6.4	<12.7	<3.2															
BC-5	10	12/18/2013	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	NA	<3.5	<6.9	<3.5	<3.5	<6.9	<13.8	<3.5															
BC-5	15	12/18/2013	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	28.6	<3	<3	NA	<3	14.9	<3	4.1	<5.9	<11.9	3.3												
BC-5	20	12/18/2013	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	NA	<4.2	<8.4	<4.2	<4.2	<8.4	<16.7	<4.2															
DC-29	15	12/19/2013	24.9	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	6.0	<4.2	<4.2	<4.2	<4.2	<4.2	NA	<4.2	<8.4	<4.2	<4.2	<8.4	<16.1	<4.2															
DC-30	10	12/19/2013	771	72.8	8.4	260	<5	<5	105	<5	13.1	<5	<5	<5	<5	<5	<5	NA	<5	<10	<5	<5	<10	<19.9	<5															
DC-31	15	12/19/2013	25.8	<4.9	<4.9	20.8	<4.9	<4.9	4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	NA	<4.9	<9.7	<4.9	<4.9	<9.7	<19.5	<4.9															
DC-33	10	1/8/2014	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	NA	<2.7	<5.4	<2.7	<2.7	<5.4	<10.8	<2.7															
NBJ-2	5	2/12/2014	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	NA	<3.1	<6.1	<3.1	<3.1	<6.1	<12.3	<3.1															
NBJ-2	10	2/12/2014	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	NA	<3.1	<6.2	<3.1	<3.1	<6.2	<12.4	<3.1															
NBJ-2	15	2/12/2014	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	NA	<3.4	<6.7	<3.4	<3.4	<6.7	<13.5	<3.4															
NBJ-2	20	2/12/2014	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	NA	<3.1	<6.2	<3.1	<3.1	<6.2	<12.5	<3.1															
NBJ-3	5	2/12/2014	4.8	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	NA	<3.2	<6.3	<3.2	<3.2	<6.3	<12.6	<3.2															
NBJ-3	10	2/12/2014	24.9	3.4	<2.4	4.1	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	NA	<2.4	<4.7	<2.4	<2.4	<4.7	10.4	<2.4															
NBJ-3	15	2/12/2014	<2.6	<2.6	<2.6	36.5	3.1	3.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	NA	<2.6	<5.1	<2.6	<2.6	<5.1	<10.2	<2.6															
NBJ-3	20	2/12/2014	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	NA	<3	<6	<3	<3	<6	<12.1	<3															
NBJ-4	5	2/12/2014	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	NA	<3.3	<6.6	<3.3	<3.3	<6.6	<13.2	<3.3															
NBJ-4	10	2/12/2014	<2.6	<2.6	<2.6	62.1	10.3	4.7	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	NA	<2.6	<5.1	<2.6	<2.6	<5.1	<10.3	<2.6															
NBJ-4	15	2/12/2014	4.4	<3	<3	34.2	4.7	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	NA	<3	<6	<3	<3	<6	<11.9	<3															
NBJ-4	20	2/12/2014	11.6	5.3	<2.8	12.0	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	NA	<2.8	<5.5	<2.8	<2.8	<5.5	<11	<2.8															
S11-14	15	1/7/2014	<3.7	<3.7																																				

**Table 2**  
**Analytical Results for Detected VOCs in Soil (ug/kg)**  
**Clean Harbors Wichita**

Boring ID	Depth (ft. bgs.)	Date Collected	Tetrachloroethene	Trichloroethene	Dichloroethene	Cis-1,2-Dichloroethene	Trans-1,2-Dichloroethene	Vinyl Chloride	1,1,2,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Dichloroethane	1,1-Dichloroethane	1,2-Dichloroethane	Ethylbenzene	M,P-Xylenes	Toluene	O-Xylene	Methyl Ether	Tert-Butyl Ether	Naphthalene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	2-Butanone	Acetone	4-Isopropyl toluene
			Interim Action Objective-->	121	84.2	85.9	855	1220	20.5	16	2800	81	269	60	168	65600	51200	809000	809000	848	349	1070	5510	24200	51600	NA
S14-17	20	2/12/2014	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	NA	<3.2	<6.3	<3.2	<3.2	<6.3	<12.6	<3.2		
S14-7	0.5	12/19/2013	137	13.9	<5.5	<5.5	<5.5	<5.5	18.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	NA	<5.5	<11	<5.5	<5.5	<11	<21.9	<5.5		
S14-9	5	12/20/2013	7.4	6.7	<4.2	<4.2	<4.2	<4.2	4.3	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	NA	<4.2	<8.3	<4.2	<4.2	<8.3	<16.7	<4.2		
S18-10	5	12/17/2013	22.6	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	NA	<3.7	<7.5	<3.7	<3.7	<7.5	<14.9	<3.7		
S18-12	15	12/17/2013	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	NA	<3.6	<7.2	<3.6	<3.6	<7.2	<14.5	<3.6		
S18-20	15	1/7/2014	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	NA	<2.5	<5.1	<2.5	<2.5	<5.1	<10.1	<2.5		
S20-2	10	12/17/2013	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	NA	<4.2	<8.4	<4.2	<4.2	<8.4	<16.8	<4.2		
S20-2	15	12/17/2013	<23100	<23100	<23100	<23100	<23100	<23100	<23100	<23100	<23100	<23100	<23100	<23100	<23100	98700	<23100	313000	NA	<23100	179000	1230000	330000	<46200	<92400	27400
S20-2	20	12/17/2013	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	26.7	17.1	118	NA	<4.2	17.6	139.0	31.3	<8.3	21.2	<4.2
S20-3	10	12/17/2013	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	NA	<3.3	<6.7	<3.3	<3.3	<6.7	<13.3	<3.3		
S20-3	15	12/17/2013	<1870	<1870	<1870	<1870	<1870	<1870	<1870	<1870	<1870	<1870	<1870	<1870	<1870	2740	<1870	6100	NA	<1870	<3740	35300	8290	<3740	<7480	<1870
S20-3	20	12/17/2013	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	6.7	<4.1	10.4	NA	<4.1	<8.2	45.8	9.0	<8.2	<16.4	<4.1
S25-3	5	12/18/2013	4.0	<3.1	<3.1	3.4	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	NA	<3.1	<6.1	<3.1	<3.1	<6.1	<12.2	<3.1		
S25-3	10	12/18/2013	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	123.0	NA	<2.9	13.0	67.1	18.7	<5.9	<11.7	<2.9	
S25-3	15	12/18/2013	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	7.6	NA	<6.5	<13	13.1	<6.5	<13	<26	<6.5	
S25-3	20	12/18/2013	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	NA	<2.8	<5.6	<2.8	<2.8	<5.6	<11.2	<2.8		
SEBJ-11	10	1/6/2014	25.1	4.6	<3.5	5.6	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	NA	<3.5	<7	<3.5	<3.5	<7	<14.1	<3.5		
SEBJ-5	15	12/19/2013	1460	24.0	<5.4	20.2	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	NA	<5.4	<10.9	<5.4	<5.4	<10.9	<14.4	<5.4		
SEBJ-6	15	12/19/2013	155	9.9	<4.3	12.9	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	NA	<4.3	<8.6	<4.3	<4.3	<8.6	<15.8	<4.3		
SEBJ-8	10	1/6/2014	172	19.0	<3.1	18.6	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	NA	<3.1	<6.2	<3.1	<3.1	<6.2	<12.5	<3.1		
<b>Historic Soil Analytical Results</b>																										
B-1	16	12/1/1999	<5	<5	<5	<2.5	<2.5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	NA	NA	<5	
B-1	0.3	12/1/1999	<5	<5	<5	<2.5	<2.5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	NA	NA	<5	
B-10	0.3	12/2/1999	31.0	<5	<5	<2.5	<2.5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	NA	NA	<5	
B-100	14.5	8/20/2002	170	8.7	<5	8.4	<2.5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2.5	<2.5	NA	<5	<5	NA	NA	<5
B-100	4	8/20/2002	18.0	5.0	<5	7.5																				

**Table 2**  
**Analytical Results for Detected VOCs in Soil (ug/kg)**  
**Clean Harbors Wichita**

Boring ID	Depth (ft. bgs.)	Date Collected	Tetrachloroethene	Trichloroethene	Dichloroethene	Cis-1,2-Dichloroethene	Trans-1,2-Dichloroethene	Vinyl Chloride	1,1,2,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,2-Dichloroethane	Ethylbenzene	M,P-Xylenes	O-Xylene	Methyl Ether	Tert-Butyl Naphthalene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	2-Butanone	Acetone	4-Isopropyltoluene			
			121	84.2	85.9	855	1220	20.5	16	2800	81	269	60	168	65600	51200	809000	809000	848	349	1070	5510	24200	51600	NA	
		Interim Action Objective-->																								
B-11	0.3	12/1/1999	72.0	<5	<5	<2.5	<2.5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2.5	NA	<5	<5	<5	NA	NA	<5	
B-110	13	1/31/2005	33.0	<5	<5	4.8	<2	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2	NA	<5	<5	<5	NA	NA	<5	
B-110	3	1/31/2005	32.0	<5	<5	<2	<2	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2	NA	<5	<5	<5	NA	NA	<5	
B-110	0.5	1/31/2005	<5	<5	<5	<2	<2	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2	NA	<5	<5	<5	NA	NA	<5	
B-111	15	1/31/2005	9.2	<5	<5	<2	<2	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2	NA	<5	<5	<5	NA	NA	<5	
B-111	3	1/31/2005	14.0	<5	<5	<2	<2	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2	NA	<5	<5	<5	NA	NA	<5	
B-111	0.5	1/31/2005	33.0	10.0	<5	<2	<2	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2	NA	<5	<5	<5	NA	NA	<5	
B-12	3	12/2/1999	<5	<5	<5	<2.5	<2.5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2.5	NA	<5	<5	<5	NA	NA	<5
B-13	12	12/2/1999	35.0	<5	<5	<2.5	<2.5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2.5	NA	<5	<5	<5	NA	NA	<5
B-13	3	12/2/1999	800	<25	<25	<12	<12	<50	<25	<25	<25	<25	<25	<25	<25	<25	<25	<12	NA	<25	<25	<25	NA	NA	<25	
B-14	0.3	12/1/1999	<5	<5	<5	<2.5	<2.5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2.5	NA	<5	<5	<5	NA	NA	<5
B-15	3	12/1/1999	<5	<5	<5	<2.5	<2.5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2.5	NA	<5	<5	<5	NA	NA	<5
B-16	3	12/1/1999	<5	52.0	<5	<2.5	<2.5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2.5	NA	<5	<5	<5	NA	NA	<5
B-17	3	12/1/1999	<5	<5	<5	<2.5	<2.5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2.5	NA	<5	<5	<5	NA	NA	<5
B-18	3	12/2/1999	<5	<5	<5	<2.5	<2.5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2.5	NA	<5	<5	<5	NA	NA	<5
B-19	13	12/2/1999	24.0	<5	<5	<2.5	<2.5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2.5	NA	<5	<5	<5	NA	NA	<5
B-19	3	12/2/1999	<5	<5	<5	<2.5	<2.5	34.0	<5	<5	<5	<5	67.0	<5	<5	<5	<5	<5	<2.5	NA	<5	<5	<5	NA	NA	<5
B-2	0.3	12/2/1999	6.2	<5	<5	<2.5	<2.5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2.5	NA	<5	<5	<5	NA	NA	<5
B-20	16	12/2/1999	12.0	<5	<5	<2.5	<2.5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2.5	NA	<5	<5	<5	NA	NA	<5
B-20	3	12/2/1999	24.0	5.7	<5	10.0	<2.5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2.5	NA	<5	<5	<5	NA	NA	<5
B-21	12	12/2/1999	490	85.0	<25	28.0	<12	<50	<25	<25	<25	<25	<25	<25	<25	<25	<25	<12	NA	<25	<25	<25	NA	NA	<25	
B-21	3	12/2/1999	6800	<500	<500	<250	<250	<1000	<500	<500	<500	<500	<500	<500	<500	<500	<500	<250	NA	<500	<500	<500	NA	NA	<500	
B-22	16	12/2/1999	40.0	19.0	<5	21.0	<2.5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2.5	NA	<5	<5	<5	NA	NA	<5
B-22	3	12/2/1999	95.0	72.0	<5	26.0	<2.5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2.5	NA	<5	<5	<5	NA	NA	<5
B-23	3	12/2/1999	<5	<5	<5	78.0	<2.5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2.5	NA	<5	<5	<5	NA	NA	<5
B-23	8	12/2/1999	<5	<5	<5	<2.5	<2.5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2.5	NA	<5	<5	<5	NA	NA	<5
B-24	3	11/30/1999	<25	<25	<12	<12	<50	<25	<25	<25	<25	<25	<25	<25	<25	440.0	56.0	700.0	560.0	NA	<25	<25	<25	NA	NA	<25
B-24	6	11/30/1999	<5	<5	<2.5	<2.5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	23.0	7.3	NA	<5	<5	<5	NA	NA	<5
B-25																										

**Table 2**  
**Analytical Results for Detected VOCs in Soil (ug/kg)**  
**Clean Harbors Wichita**

Boring ID	Depth (ft. bgs.)	Date Collected	Tetrachloroethene	Trichloroethene	1,1-Dichloroethene	Cis-1,2-Dichloroethene	Trans-1,2-Dichloroethene	Vinyl Chloride	1,1,2,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,2-Dichloroethane	Ethylbenzene	M,P-Xylenes	O-Xylene	Methyl Ether	Tert-Butyl Naphthalene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	2-Butanone	Acetone	Isopropyl toluene						
			Interim Action Objective-->	121	84.2	85.9	855	1220	20.5	16	2800	81	269	60	168	65600	51200	809000	809000	848	349	1070	5510	24200	51600	NA			
B-38	3	12/2/1999	<5	<5	<5	<2.5	<2.5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	NA	NA	NA	<5			
B-39	0.3	12/1/1999	<5	<5	<5	<5	8.4	<2.5	<10	<5	<5	<5	5.0	<5	<5	<5	<5	<5	<5	<5	<5	<5	NA	NA	NA	<5			
B-4	16	12/1/1999	<1000	<1000	<1000	<500	<500	<2000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	3100.0	<1000	16000.0	6600.0	NA	12000	55000	15000	NA	NA	<1000	
B-4	0.3	12/1/1999	<5	<5	<5	43.0	4.4	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	NA	<5	<5	NA	NA	<5	
B-40	16	12/1/1999	9.2	<5	<5	<5	<2.5	<2.5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	NA	<5	<5	NA	NA	<5	
B-40	0.3	12/1/1999	9.7	<5	<5	<5	<2.5	<2.5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	NA	<5	<5	NA	NA	<5	
B-41	0.3	12/1/1999	25.0	<5	<5	<5	<2.5	<2.5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	NA	<5	<5	NA	NA	<5	
B-42	0.3	12/1/1999	13.0	<5	<5	<5	<2.5	<2.5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	8.7	7.6	18.0	80.0	NA	<5	5.9	25.0	NA	NA	<5
B-43	0.3	12/1/1999	<5	<5	<5	<2.5	<2.5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	NA	<5	<5	NA	NA	<5	
B-44	11	11/30/1999	<5	<5	<5	<2.5	<2.5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	NA	<5	<5	NA	NA	<5	
B-44	15	11/30/1999	<5	<5	<5	<2.5	<2.5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	NA	<5	<5	NA	NA	<5	
B-45	14	11/8/2001	490	<25	<25	<12	<12	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<12	<12	NA	<25	<25	<25	NA	NA	<25	
B-45	4	11/8/2001	200	<5	<5	<2.5	<2.5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	NA	<5	<5	NA	NA	<5	
B-46	13	11/8/2001	690	<25	<25	<12	<12	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<12	<12	NA	<25	<25	<25	NA	NA	<25	
B-46	2	11/8/2001	28000	<1200	<1200	<590	<590	<1200	<1200	<1200	<1200	<1200	<1200	<1200	<1200	<1200	<1200	<1200	<1200	<590	<590	NA	<1200	<1200	<1200	NA	NA	<1200	
B-47	14	11/8/2001	37.0	<5	<5	<2.5	<2.5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	NA	<5	<5	NA	NA	<5	
B-47	3	11/8/2001	540	26.0	<25	<12	<12	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<12	<12	NA	<25	<25	<25	NA	NA	<25	
B-48	14	11/9/2001	71.0	8.4	<5	<2.5	<2.5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	NA	<5	<5	NA	NA	<5	
B-48	3	11/9/2001	<5	<5	<5	<2.5	<2.5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	NA	<5	<5	NA	NA	<5	
B-49	15	11/7/2001	11.0	<5	<5	<5	<2.5	<2.5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	NA	<5	<5	NA	NA	<5	
B-49	4	11/7/2001	33.0	6.8	<5	2.9	<2.5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	NA	<5	<5	NA	NA	<5	
B-5	0.3	12/1/1999	<5	<5	<5	<2.5	<2.5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	NA	<5	<5	NA	NA	<5	
B-50	15	11/9/2001	<5	<5	<5	<2.5	<2.5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	NA	<5	<5	NA	NA	<5	
B-50	4	11/9/2001	370	81.0	<25	29.0	<12	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<12	<12	NA	<25	<25	<25	NA	NA	<25	
B-51	15	11/7/2001	<5	<5	<5	<2.5	<2.5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	NA	<5	<5	NA	NA	<5	
B-51	4	11/7/2001	<5	<5	<5	<2.5	<2.5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	NA	<5	<5	NA	NA	<5	
B-52	15	11/7/2001	<250	<250	<120	<120	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<120	<120	NA	310.0	2400	510.0	NA	NA	<250	
B-52	4	11/7/2001	<5	<5	<5	<2.5	<2.5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	NA	<5	<5	NA	NA	<5	
B-53	17	11/7/2001	<5	<5	<5	<2.5	<2.5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	NA	<5	<5	NA	NA	<5	
B-53	5	11/7/2001	<25	200	<25	<12	<12	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<12	<12	NA	<25	<25	<25	NA	NA	<25	
B-54	17	11/7/2001	<5	<5	<5	<2.5	<2.5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	NA	<5	<5	NA	NA	<5	
B-54	4	11/7/2001	160	11.0	<5	5.1	<2.5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	NA	<5	<5	NA	NA	<5	
B-55	17	11/6/2001	<5	<5	<5	<2.5	<2.5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	NA	<5	<5	NA	NA	<5	
B-55	3	11/6/2001	27.0	15.0	<5	<2.5	<2.5	<5	&lt																				

**Table 2**  
**Analytical Results for Detected VOCs in Soil (ug/kg)**  
**Clean Harbors Wichita**

**Table 2**  
**Analytical Results for Detected VOCs in Soil (ug/kg)**  
**Clean Harbors Wichita**

Boring ID	Depth (ft. bgs.)	Date Collected	Tetrachloroethene	1,1-Dichloroethene	Cis-1,2-Dichloroethene	Trans-1,2-Dichloroethene	1,1,2-Dichloroethane	1,1,1-Tetrachloroethane	1,1,2-Dichloroethane	1,1-Dichloroethane	1,2-Dichloroethane	Ethylbenzene	M,P-Xylenes	Toluene	O-Xylene	Ether	Methyl	1,2,4-Naphthalene	1,3,5-Trimethylbenzene	2-Trimethylbutanone	Acetone	4-Isopropyltoluene			
			84.2	85.9	855	1220	20.5	16	2800	81	269	60	168	65600	51200	809000	809000	848	349	1070	5510	24200	51600	NA	
		<b>Interim Action Objective--&gt;</b>	121	84.2	85.9	855	1220	20.5	16	2800	81	269	60	168	65600	51200	809000	809000	848	349	1070	5510	24200	51600	NA
B-97	14	8/20/2002	6.2	<5	<5	4.0	<2.5	<5	<5	<5	<5	<5	<5	<5	<5	<2.5	<2.5	NA	<5	<5	<5	NA	NA	<5	
B-98	0.5	8/20/2002	<5	<5	<5	<2.5	<2.5	<5	<5	<5	<5	<5	<5	<5	<5	<2.5	<2.5	NA	<5	<5	<5	NA	NA	<5	
B-98	12	8/20/2002	<5	<5	<5	<2.5	<2.5	<5	<5	<5	<5	<5	<5	<5	<5	<2.5	<2.5	NA	<5	<5	<5	NA	NA	<5	
B-99	12	8/21/2002	<5	<5	<5	<2.5	<2.5	<5	<5	<5	<5	<5	<5	<5	<5	<2.5	<2.5	NA	<5	<5	<5	NA	NA	<5	
B-99	8	8/21/2002	72.0	<5	<5	<2.5	<2.5	<5	<5	<5	<5	<5	<5	<5	<5	<2.5	<2.5	NA	<5	<5	<5	NA	NA	<5	

**Data Summary:**

Number of Analyses	702	702	702	702	702	702	702	702	702	702	702	702	702	702	702	702	702	702	702	702	702	702	702
Number of Detections	470	269	110	266	100	33	1	200	3	152	1	22	51	62	64	47	5	30	48	36	31	138	19
Frequency of Detection	67%	38%	16%	38%	14%	4.7%	0.1%	28%	0.4%	22%	0.1%	3.1%	7.3%	8.8%	9.1%	6.7%	0.7%	4.3%	6.8%	5.1%	4.4%	20%	2.7%
Min Detected Conc.	0.82	0.67	0.81	0.83	0.66	1.3	5.4	0.8	0.85	0.58	1.8	0.63	0.91	0.72	1.9	1	0.6	1.6	1.1	0.67	5.2	10.4	1.2
Average Detected Conc.	6133	1358	11	960	10	98	5.4	149	1.7	29	1.8	2.2	41305	30574	139464	26864	1.4	6884	34585	13500	25	54	1779
Max Detected Conc.	848000	31700	223	57300	376	2160	5.4	10400	2.1	494	1.8	14.4	881000	1130000	4030000	1090000	2.4	179000	1230000	330000	215	784	27400

**Notes:**

Interim Action Objectives - Kansas Department of Health and Environment Tier II value for soil to groundwater pathway (residential)

Values in **BOLD** exceed Interim Action Objectives

NA - Not Analyzed

**Table 2**  
**Analytical Results for Detected VOCs in Soil (ug/kg)**  
**Clean Harbors Wichita**

Boring ID	Depth (ft. bgs.)	Date Collected	N-	N-	Sec-	Tert-		1,2-	1,4-	Carbon		1,2-	Hexachlor										
			Isopropyl benzene	Butylbenz ene	Propylbenz ene	Butylbenz ene	Styrene	Carbon Disulfide	Butylbenz ene	Methylen e Chloride	Dichlorob enzene	Dichlorob enzene	Chlorof orm	Chloro thane	Tetrachlo ride	Dichlorop ropane	obutadi ne	4-Methyl-2- Pentanone	2-Hexanone				
Interim Action Objective-->			NA	10200	110000	82700	93400	67100	NA	42.9	48400	59400	5100	850	349	NA	73.4	81.7	1100	6690	NA		
<b>RFI PHASE IV RESULTS</b>																							
A8-1	0.5	10/1/2013	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<8.7	<4.3	<4.3	<4.3	<4.3	<170	<4.3	<4.3	<4.3	<22	<22			
A8-1	2	10/1/2013	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<6.4	<3.2	<3.2	<3.2	<3.2	<130	<3.2	<3.2	<3.2	<16	<16			
A8-1	5	10/1/2013	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<6.7	<3.4	<3.4	<3.4	<3.4	<130	<3.4	<3.4	<3.4	<17	<17			
A8-1	10	10/1/2013	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<7.5	<3.8	<3.8	<3.8	<3.8	<150	<3.8	<3.8	<3.8	<19	<19			
A8-1	15	10/1/2013	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<17	<8.3	<8.3	<8.3	<8.3	<8.3	<330	<8.3	<8.3	<8.3	<42	<42			
A8-1	17	10/1/2013	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<6.9	<3.4	<3.4	<3.4	<3.4	<140	<3.4	<3.4	<3.4	<17	<17			
A10-1	2	10/2/2013	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<10	<5.2	<5.2	<5.2	<5.2	<5.2	<210	<5.2	<5.2	<5.2	<26	<26			
A10-1	5	10/2/2013	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<9	<4.5	<4.5	<4.5	<4.5	<180	<4.5	<4.5	<4.5	<22	<22			
A10-1	10	10/2/2013	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.6	<4.8	<4.8	<4.8	<4.8	<190	<4.8	<4.8	<4.8	<24	<24			
A10-1	15	10/2/2013	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<8.5	<4.2	<4.2	<4.2	<4.2	<170	<4.2	<4.2	<4.2	<21	<21			
A10-2	0.5	10/11/2013	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<7.1	<3.6	<3.6	<3.6	<3.6	<3.6	<140	<3.6	<3.6	<3.6	<18	<18			
A10-2	2	10/11/2013	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<3.7	<1.8	<1.8	<1.8	<1.8	<74	<1.8	<1.8	<1.8	<9.2	<9.2			
A10-2	5	10/11/2013	<6	<6	<6	<6	<6	<6	<6	<12	<6	<6	<6	<6	<240	<6	<6	<6	<30	<30			
A10-2	10	10/11/2013	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<10	<5.2	<5.2	<5.2	<5.2	<5.2	<210	<5.2	<5.2	<5.2	<26	<26			
A10-2	15	10/11/2013	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<10	<5.1	<5.1	<5.1	<5.1	<200	<5.1	<5.1	<5.1	<25	<25			
A10-2	17	10/2/2013	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<9.3	<4.7	<4.7	<4.7	<4.7	<190	<4.7	<4.7	<4.7	<23	<23			
A10-2	18	10/11/2013	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9	<7.8	<3.9	<3.9	<3.9	<3.9	<160	<3.9	<3.9	<3.9	<20	<20			
A10-3	2	10/3/2013	<6	<6	<6	<6	<6	<6	<6	<12	<6	<6	<6	<6	<240	<6	<6	<6	<30	<30			
A10-3	5	10/3/2013	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11	<5.7	<5.7	<5.7	<5.7	<230	<5.7	<5.7	<5.7	<28	<28			
A10-3	10	10/3/2013	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<9	<4.5	<4.5	<4.5	<4.5	<180	<4.5	<4.5	<4.5	<22	<22			
A10-4	2	10/1/2013	<7	<7	<7	<7	<7	<7	<7	<14	<7	<7	<7	<7	<280	<7	<7	<7	<35	<35			
A10-4	5	10/1/2013	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<11	<5.3	<5.3	<5.3	<5.3	<210	<5.3	<5.3	<5.3	<27	<27			
A10-4	10	10/1/2013	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<13	<6.7	<6.7	<6.7	<6.7	<270	<6.7	<6.7	<6.7	<33	<33			
A10-4	27	10/1/2013	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<5.8	<2.9	<2.9	<2.9	<2.9	<120	<2.9	<2.9	<2.9	<14	<14			
A10-5	2	10/3/2013	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<13	<6.3	<6.3	<6.3	<6.3	<250	<6.3	<6.3	<6.3	<32	<32			
A10-5	5	10/3/2013	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<10	<5.1	<5.1	<5.1	<5.1	<200	<5.1	<5.1	<5.1	<26	<26			
A10-5	10	10/3/2013	<4	<4	<4	<4	<4	<4	<4	<8	<4	<4	<4	<4	<160	<4	<4	<4	<20	<20			
A11-1	0.5	10/15/2013	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<6.5	<3.2	<3.2	<3.2	<3.2	<130	<3.2	<3.2	<3.2	<16	<16			
A11-1	2	10/15/2013	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<6.5	<3.2	<3.2	<3.2	<3.2	<130	<3.2	<3.2	<3.2	<16	<16			
A11-1	5	10/15/2013	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<6.2	<3.1	<3.1	<3.1	<3.1	<120	<3.1	<3.1</						

**Table 2**  
**Analytical Results for Detected VOCs in Soil (ug/kg)**  
**Clean Harbors Wichita**

Boring ID	Depth (ft. bgs.)	Date Collected	N-Isopropylbenzene	N-Butylbenzene	Sec-Propylbenzene	Butylbenzene	Tert-Butylbenzene		1,2-Chloroethane	1,4-Chlorobenzene	Chlorobenzene	Chloroforn	1,4-Chloroethane	Chloroethane	Tetrachloroethane	1,2-Dichloropropane	1,1,1-Trichloroethane	Hexachloro-4-Methyl-2-Pentanone	2-Hexanone
			9200	110000	82700	93400	67100	NA	42.9	48400	59400	5100	850	349	NA	73.4	81.7	1100	6690
A12-4	5	10/9/2013	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<7.5	<3.7	<3.7	<3.7	<150	<3.7	<3.7	<3.7	<3.7	<19	<19
A12-5	0.5	10/9/2013	<6	<6	<6	<6	<6	<6	<12	<6	<6	<6	<240	<6	<6	<6	<30	<30	<30
A12-5	2	10/9/2013	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<8.6	<4.3	<4.3	<4.3	<170	<4.3	<4.3	<4.3	<4.3	<22	<22
A12-5	5	10/9/2013	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<9.8	<4.9	<4.9	<4.9	<200	<4.9	<4.9	<4.9	<4.9	<24	<24
BC-1	0.5	10/17/2013	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<6.6	<3.3	<3.3	<3.3	<130	<3.3	<3.3	<3.3	<3.3	<17	<17
BC-1	2	10/17/2013	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<5.5	<2.8	<2.8	<2.8	<110	<2.8	<2.8	<2.8	<2.8	<14	<14
BC-2	0.5	10/17/2013	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<5.5	<2.8	<2.8	<2.8	<110	<2.8	<2.8	<2.8	<2.8	<14	<14
BC-2	2	10/17/2013	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<6.4	<3.2	<3.2	<3.2	<130	<3.2	<3.2	<3.2	<3.2	<16	<16
BC-3	0.5	10/17/2013	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<6.2	<3.1	<3.1	<3.1	<120	<3.1	<3.1	<3.1	<3.1	<16	<16
BC-3	2	10/17/2013	<3	<3	<3	<3	<3	<3	<6	<3	<3	<3	<120	<3	<3	<3	<3	<15	<15
BC-4	0.5	10/17/2013	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<8.8	<4.4	<4.4	<4.4	<180	<4.4	<4.4	<4.4	<4.4	<22	<22
BC-4	2	10/17/2013	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<6.4	<3.2	<3.2	<3.2	<130	<3.2	<3.2	<3.2	<3.2	<16	<16
DC-1	0.5	10/16/2013	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<6.2	<3.1	<3.1	<3.1	<120	<3.1	<3.1	<3.1	<3.1	<16	<16
DC-1	2	10/16/2013	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<6.2	<3.1	<3.1	<3.1	<120	<3.1	<3.1	<3.1	<3.1	<15	<15
DC-10	0.5	10/9/2013	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.6	<4.8	<4.8	<4.8	<190	<4.8	<4.8	<4.8	<4.8	<24	<24
DC-10	2	10/9/2013	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<8.2	<4.1	<4.1	<4.1	<160	<4.1	<4.1	<4.1	<4.1	<20	<20
DC-11	0.5	10/9/2013	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<8.7	<4.3	<4.3	<4.3	<170	<4.3	<4.3	<4.3	<4.3	<22	<22
DC-11	2	10/9/2013	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<7.6	<3.8	<3.8	<3.8	<150	<3.8	<3.8	<3.8	<3.8	<19	<19
DC-12	0.5	10/9/2013	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<9.2	<4.6	<4.6	<4.6	<180	<4.6	<4.6	<4.6	<4.6	<23	<23
DC-12	2	10/9/2013	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<9.1	<4.6	<4.6	<4.6	<180	<4.6	<4.6	<4.6	<4.6	<23	<23
DC-13	0.5	10/16/2013	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9	<7.9	<3.9	<3.9	<3.9	<160	<3.9	<3.9	<3.9	<3.9	<20	<20
DC-13	2	10/16/2013	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<7.7	<3.8	<3.8	<3.8	<150	<3.8	<3.8	<3.8	<3.8	<19	<19
DC-13	5	10/16/2013	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<8.5	<4.2	<4.2	<4.2	<170	<4.2	<4.2	<4.2	<4.2	<21	<21
DC-14	0.5	10/9/2013	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<7.3	<3.7	<3.7	<3.7	<150	<3.7	<3.7	<3.7	<3.7	<18	<18
DC-14	2	10/9/2013	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.6	<4.8	<4.8	<4.8	<190	<4.8	<4.8	<4.8	<4.8	<24	<24
DC-15	0.5	10/9/2013	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<7.6	<3.8	<3.8	<3.8	<150	<3.8	<3.8	<3.8	<3.8	<19	<19
DC-15	2	10/9/2013	<4	<4	<4	<4	<4	<4	<8.1	<4	<4	<4	<160	<4	<4	<4	<4	<20	<20
DC-16	0.5	10/16/2013	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<7.6	<3.8	<3.8	<3.8	<150	<3.8	<3.8	<3.8	<3.8	<19	<19
DC-16	2	10/16/2013	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<7.3	<3.7	<3.7	<3.7	<150	<3.7	<3.7	<3.7	<3.7	<18	<18
DC-16	5	10/16/2013	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<8.8	<4.4	<4.4	<4.4	<180	<4.4	<4.4	<4.4	<4.4	<22	<22
DC-17	0.5	10/17/2013	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<6.5	<3.2	<3.2	<3.2	<130	<3.2	<3.2	<3.2	<3.2	<16	<16
DC-17	2	10/17/2013	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<6.2	<3.1	<3.1	<3.1	<120	<3.1	<3.1	<3.1	<3.1	<15	<15
DC-17	5	10/9/2013	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<9.2	<4.6	<4.6	<4.6	<180	<4.6	<4.6	<4.6	<4.6	<23	<23
DC-18	0.5	10																	

**Table 2**  
**Analytical Results for Detected VOCs in Soil (ug/kg)**  
**Clean Harbors Wichita**

Boring ID	Depth (ft. bgs.)	Date Collected	N-		N-		Sec-		Tert-		1,2-		1,4-		Carbon		1,2-		Hexachlor			
			Isopropyl benzene	Butylbenz ene	Propylbenz ene	Butylbenz ene	Styrene	Disulfide	Carbon ene	Butylbenz ene Chloride	Methylen e Chloride	Dichlorob enzene	Dichlorob enzene	Chlorobe nzene	Chlorof orm	1,4- Dioxane	Chloroe thane	Tetrachlo ride	Dichlorop ropane	obutadiene	4-Methyl-2- Pentanone	2-Hexanone
		Interim Action Objective-->	NA	10200	110000	82700	93400	67100	NA	42.9	48400	59400	5100	850	349	NA	73.4	81.7	1100	6690	NA	
DC-23	2	10/16/2013	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<4.5	<2.2	<2.2	<2.2	0.7	<90	<2.2	<2.2	<2.2	<11	<11	<11		
DC-24	0.5	10/16/2013	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<6.3	<3.1	<3.1	<3.1	1.5	<130	<3.1	<3.1	<3.1	<16	<16	<16		
DC-24	2	10/16/2013	<8.1	<8.1	<8.1	<8.1	<8.1	<8.1	<8.1	<16	<8.1	<8.1	<8.1	<8.1	<320	<8.1	<8.1	<8.1	<41	<41	<41	
DC-24	5	10/16/2013	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<11	<5.5	<5.5	<5.5	<5.5	<220	<5.5	<5.5	<5.5	<28	<28	<28	
DC-25	0.5	10/16/2013	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	<4.7	<2.3	<2.3	<2.3	0.7	<94	<2.3	<2.3	<2.3	<2.3	<12	<12	<12	
DC-25	2	10/16/2013	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<5.8	<2.9	<2.9	<2.9	<2.9	<120	<2.9	<2.9	<2.9	<2.9	<14	<14	<14	
DC-25	5	10/16/2013	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<6.3	<3.1	<3.1	<3.1	<3.1	<130	<3.1	<3.1	<3.1	<3.1	<16	<16	<16	
DC-26	0.5	10/16/2013	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<6.8	<3.4	<3.4	<3.4	1.0	<140	<3.4	<3.4	<3.4	<17	<17	<17	
DC-26	2	10/16/2013	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	<4.6	<2.3	<2.3	<2.3	0.8	135	<2.3	<2.3	<2.3	<2.3	<12	<12	<12	
DC-26	5	10/16/2013	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<6.3	<3.1	<3.1	<3.1	<3.1	138	<3.1	<3.1	<3.1	<3.1	<16	<16	<16	
DC-27	0.5	10/16/2013	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<6.7	<3.4	<3.4	<3.4	1.1	354	<3.4	<3.4	<3.4	<3.4	<17	<17	<17	
DC-27	2	10/16/2013	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<7.7	<3.8	<3.8	<3.8	1.4	705	<3.8	<3.8	<3.8	<3.8	<19	<19	<19	
DC-27	5	10/16/2013	<3	<3	<3	<3	<3	<3	<6.1	<3	<3	<3	<3	424	<3	<3	<3	<3	<15	<15	<15	
DC-28	0.5	10/16/2013	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<7.1	<3.6	<3.6	1.4	<140	<3.6	<3.6	<3.6	<3.6	<18	<18	<18	
DC-28	2	10/16/2013	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<5.8	<2.9	<2.9	<2.9	1.2	<120	<2.9	<2.9	<2.9	<2.9	<15	<15	<15	
DC-28	5	10/16/2013	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<6.9	<3.4	<3.4	<3.4	<3.4	<140	<3.4	<3.4	<3.4	<17	<17	<17	
DC-3	0.5	10/16/2013	<3	<3	<3	<3	<3	<3	6.0	<3	<5.9	<3	<3	<3	3.9	599	<3	<3	<3	<15	<15	<15
DC-3	2	10/16/2013	<2	<2	<2	<2	<2	<2	1.9	<2	2.6	<2	<2	<2	1.6	259	<2	<2	<2	<10	<10	<10
DC-4	0.5	10/10/2013	5.0	6.2	10.2	8.9	<3.5	<3.5	2.3	<7.1	<3.5	<3.5	<3.5	<3.5	<140	2.9	<3.5	<3.5	<18	<18	<18	
DC-4	2	10/10/2013	2.5	4.7	5.3	6.1	<4.8	<4.8	<4.8	<9.7	<4.8	<4.8	<4.8	<4.8	<190	2.6	<4.8	<4.8	<24	<24	<24	
DC-4	5	10/10/2013	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<7	<3.5	<3.5	<3.5	<3.5	<140	<3.5	<3.5	<3.5	<18	<18	<18	
DC-5	0.5	10/16/2013	<3	<3	<3	<3	<3	<3	<3	<6.1	<3	<3	<3	<3	0.7	<120	<3	<3	<3	<15	<15	<15
DC-5	2	10/16/2013	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<7.2	<3.6	<3.6	<3.6	<3.6	<140	<3.6	<3.6	<3.6	<18	<18	<18	
DC-5	5	10/16/2013	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<6.6	<3.3	<3.3	<3.3	<3.3	77.9	<3.3	<3.3	<3.3	<16	<16	<16	
DC-6	0.5	10/16/2013	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<7.5	<3.7	<3.7	<3.7	1.3	13000	<3.7	<3.7	<3.7	<19	<19	<19		
DC-6	2	10/16/2013	<3	<3	<3	<3	<3	<3	<6	<3	<3	<3	0.9	7730	<3	<3	<3	<15	<15	<15		
DC-7	0.5	10/16/2013	<3	<3	<3	<3	<3	<3	<3	<6	<3	<3	<3	<3	<120	<3	<3	<3	<15	<15	<15	
DC-7	2	10/16/2013	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<73	<1.8	<1.8	<1.8	<9.1	<9.1	<9.1	
DC-7	5	10/16/2013	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<160	<4.1	<4.1	<4.1	<21	<21	<21	
DC-8	0.5	10/9/2013	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<7.2	<3.6	<3.6	<3.6	<3.6	<140	<3.6	<3.6	<3.6	<18</td			

**Table 2**  
**Analytical Results for Detected VOCs in Soil (ug/kg)**  
**Clean Harbors Wichita**

Boring ID	Depth (ft. bgs.)	Date Collected	N-		N-		Sec-		Tert-		1,2-		1,4-		Carbon		1,2-		Hexachlor		
			Isopropyl benzene	Butylbenz ene	Propylbenz ene	Butylbenz ene	Styrene	Carbon Disulfide	Butylbenz ene	Methylen e Chloride	Dichlorob enzene	Dichlorob enzene	Chlorobe nzene	Chlorof orm	1,4- Dioxane	Chloroe thane	Tetrachlo ride	Dichlorop ropane	obutadi ne	4-Methyl-2- Pentanone	2-Hexanone
<b>Interim Action Objective--&gt;</b>			NA	10200	110000	82700	93400	67100	NA	42.9	48400	59400	5100	850	349	NA	73.4	81.7	1100	6690	NA
JC-11	22	10/18/2013	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<10	<5.1	<5.1	<5.1	<5.1	<200	<5.1	<5.1	<5.1	<5.1	<25	<25	
JC-12	0.5	10/18/2013	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<11	<5.6	<5.6	<5.6	<230	<5.6	<5.6	<5.6	<5.6	<28	<28	
JC-12	2	10/18/2013	<6	<6	<6	<6	<6	<6	<6	<12	<6	<6	<6	<240	<6	<6	<6	<6	<30	<30	
JC-13	0.5	10/18/2013	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11	<5.7	<5.7	<5.7	<230	<5.7	<5.7	<5.7	<5.7	<28	<28	
JC-13	2	10/18/2013	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<5.5	<2.7	<2.7	<2.7	<110	<2.7	<2.7	<2.7	<2.7	<14	<14	
JC-13	5	10/18/2013	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<12	<6.1	<6.1	<6.1	<6.1	<240	<6.1	<6.1	<6.1	<6.1	<31	<31	
JC-13	10	10/18/2013	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<14	<7.2	<7.2	<7.2	<7.2	<290	<7.2	<7.2	<7.2	<7.2	<36	<36	
JC-13	15	10/18/2013	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<14	<7.2	<7.2	<7.2	<7.2	<290	<7.2	<7.2	<7.2	<7.2	<36	<36	
JC-13	20.9	10/18/2013	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<8.5	<4.3	<4.3	<4.3	<170	<4.3	<4.3	<4.3	<4.3	<21	<21	
JC-14	0.5	10/18/2013	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<14	<6.9	<6.9	<6.9	<6.9	<280	<6.9	<6.9	<6.9	<6.9	<34	<34	
JC-14	2	10/18/2013	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<13	<6.4	<6.4	<6.4	<6.4	171	<6.4	<6.4	<6.4	<6.4	<32	<32	
JC-2	0.5	10/18/2013	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<14	<6.8	<6.8	<6.8	<6.8	<270	<6.8	<6.8	<6.8	<6.8	<34	<34	
JC-3	0.5	10/18/2013	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<9.1	<4.5	<4.5	<4.5	<180	<4.5	<4.5	<4.5	<4.5	<23	<23	
JC-3	2	10/18/2013	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<14	<6.9	<6.9	<6.9	<6.9	<270	<6.9	<6.9	<6.9	<6.9	<34	<34	
JC-3	5	10/18/2013	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<13	<6.4	<6.4	<6.4	<6.4	<260	<6.4	<6.4	<6.4	<6.4	<32	<32	
JC-3	10	10/18/2013	<8.6	<8.6	<8.6	<8.6	<8.6	<8.6	<17	<8.6	<8.6	<8.6	<8.6	<350	<8.6	<8.6	<8.6	<8.6	<43	<43	
JC-3	15	10/18/2013	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<14	<6.9	<6.9	<6.9	<6.9	<270	<6.9	<6.9	<6.9	<6.9	<34	<34	
JC-3	22	10/18/2013	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<11	<5.6	<5.6	<5.6	<5.6	<230	<5.6	<5.6	<5.6	<5.6	<28	<28	
JC-4	0.5	10/18/2013	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<11	<5.3	<5.3	<5.3	<5.3	<210	<5.3	<5.3	<5.3	<5.3	<26	<26	
JC-4	2	10/18/2013	<6	<6	<6	<6	<6	<6	<12	<6	<6	<6	<6	<240	<6	<6	<6	<6	<30	<30	
JC-4	5	10/18/2013	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<13	<6.7	<6.7	<6.7	<6.7	<270	<6.7	<6.7	<6.7	<6.7	<34	<34	
JC-5	0.5	10/18/2013	<6	<6	<6	<6	<6	<6	<12	<6	<6	<6	<6	<240	<6	<6	<6	<6	<30	<30	
JC-5	2	10/18/2013	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<5	<2.5	<2.5	<2.5	<2.5	<100	<2.5	<2.5	<2.5	<2.5	<12	<12
JC-5	5	10/18/2013	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<11	<5.6	<5.6	<5.6	<5.6	<230	<5.6	<5.6	<5.6	<5.6	<28	<28	
JC-5	10	10/18/2013	<7.9	<7.9	<7.9	<7.9	<7.9	<7.9	<16	<7.9	<7.9	<7.9	<7.9	<320	<7.9	<7.9	<7.9	<7.9	<39	<39	
JC-5	15	10/18/2013	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<12	<6.2	<6.2	<6.2	<6.2	<250	<6.2	<6.2	<6.2	<6.2	<31	<31	
JC-5	15.5	10/18/2013	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11	<5.7	<5.7	<5.7	<5.7	<230	<5.7	<5.7	<5.7	<5.7	<29	<29	
JC-6	0.5	10/18/2013	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<5.7	<2.8	<2.8	<2.8	<2.8	<110	<2.8	<2.8	<2.8	<2.8	<14	<14
JC-6	2	10/18/2013	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<5.4	<2.7	<2.7	<2.7	<2.7	<110	<2.7	<2.7	<2.7	<2.7	<13	<13
JC-7	0.5	10/18/2013	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<10	<5.1	<5.1	<5.1	<5.1	<200	<5.1	<5.1	<5.1	<5.1	<26	<26	
JC-7	2	10/18/2013	<5.4	<5.4	<5.4	<5															

**Table 2**  
**Analytical Results for Detected VOCs in Soil (ug/kg)**  
**Clean Harbors Wichita**

Boring ID	Depth (ft. bgs.)	Date Collected	N-	N-	Sec-	Tert-		1,2-	1,4-	Carbon		1,2-	Hexachlor									
			Isopropyl benzene	Butylbenz ene	Propylbenz ene	Butylbenz ene	Styrene	Carbon Disulfide	Butylbenz ene	Methylen e Chloride	Dichlorob enzene	Dichlorob enzene	Chlorof orm	Chloroe thane	Tetrachlo ride	Dichlorop ropane	obutadi ne	4-Methyl-2- Pentanone	2-Hexanone			
		Interim Action Objective-->	NA	10200	110000	82700	93400	67100	NA	42.9	48400	59400	5100	850	349	NA	73.4	81.7	1100	6690	NA	
S10-1	2	10/7/2013	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<8.6	<4.3	<4.3	<4.3	1.3	736	<4.3	<4.3	<4.3	<22	<22	<22		
S10-1	5	10/7/2013	<4	<4	<4	<4	<4	<4	<8.1	<4	<4	<4	1.3	1270	<4	<4	<4	<20	<20	<20		
S10-1	10	10/7/2013	<290	<290	<290	<290	<290	<290	<570	<290	<290	<290	<290	<290	<11000	<290	<290	<290	<290	<1400	<1400	
S10-1	15	10/7/2013	<5	<5	<5	<5	<5	<5	<9.9	<5	<5	<5	<5	96.8	<5	<5	<5	<5	<25	<25	<25	
S10-1	16.5	10/7/2013	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9	4.1	<3.9	<3.9	<3.9	<3.9	<160	<3.9	<3.9	<3.9	<3.9	<20	<20	<20	
S10-2	5	10/10/2013	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<8.7	<4.4	<4.4	<4.4	<4.4	<170	<4.4	<4.4	<4.4	<4.4	<22	<22	<22	
S10-2	10	10/10/2013	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<7.1	<3.6	<3.6	<3.6	<3.6	<140	<3.6	<3.6	<3.6	<3.6	<18	<18	<18	
S10-2	15	10/10/2013	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<7.6	<3.8	<3.8	<3.8	<3.8	99.1	<3.8	<3.8	<3.8	<3.8	<19	<19	<19	
S10-2	20	10/10/2013	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<8.8	<4.4	<4.4	<4.4	<4.4	<180	<4.4	<4.4	<4.4	<4.4	<22	<22	<22	
S1-1	0	10/8/2013	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<8.1	<4.1	<4.1	<4.1	<4.1	<160	<4.1	0.9	<4.1	<4.1	<20	<20	<20	
S1-1	0.5	10/8/2013	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<8.6	<4.3	<4.3	<4.3	<4.3	<170	<4.3	<4.3	<4.3	<4.3	<21	<21	<21	
S1-1	2	10/8/2013	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<8.2	<4.1	<4.1	<4.1	<4.1	<160	<4.1	<4.1	<4.1	<4.1	<21	<21	<21	
S1-1	5	10/8/2013	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9	<7.8	<3.9	<3.9	<3.9	<3.9	<160	<3.9	<3.9	<3.9	<3.9	<20	<20	<20	
S1-1	10	10/8/2013	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<5.4	<2.7	<2.7	<2.7	<2.7	<110	<2.7	1.0	<2.7	<2.7	<13	<13	<13	
S1-1	15	10/8/2013	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<8.4	<4.2	<4.2	<4.2	<4.2	<170	<4.2	<4.2	<4.2	<4.2	<21	<21	<21	
S1-2	0.5	10/17/2013	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<7.5	<3.7	<3.7	<3.7	<3.7	<150	<3.7	<3.7	<3.7	<3.7	<19	<19	<19	
S1-2	2	10/17/2013	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<8.4	<4.2	<4.2	<4.2	<4.2	94.7	5.5	<4.2	<4.2	<4.2	<21	<21	<21	
S1-2	5	10/17/2013	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<180	<4.5	<4.5	<4.5	<4.5	<22	<22	<22	
S1-2	10	10/17/2013	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<5.9	<2.9	<2.9	<2.9	<2.9	99.6	<2.9	<2.9	<2.9	<2.9	<15	<15	<15
S1-2	15	10/17/2013	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<7	<3.5	<3.5	<3.5	<3.5	<140	<3.5	<3.5	<3.5	<3.5	<18	<18	<18	
S1-2	16	10/17/2013	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<9.3	<4.6	<4.6	<4.6	<4.6	<190	<4.6	<4.6	<4.6	<4.6	<23	<23	<23	
S2-1	0.5	10/18/2013	<4	<4	<4	<4	1.1	<4	<4	<8	<4	<4	<4	<4	<160	<4	<4	<4	20.0	<20	<20	
S2-1	2	10/18/2013	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<9.2	<4.6	<4.6	<4.6	<4.6	<180	<4.6	<4.6	<4.6	<4.6	<23	<23	<23	
S2-1	5	10/18/2013	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<6.8	<3.4	<3.4	<3.4	<3.4	<140	<3.4	<3.4	<3.4	<17	<17	<17	
S2-1	10	10/18/2013	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<5	<5	<200	<5	<5	<5	<5	<25	<25	
S2-1	15	10/18/2013	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<5	<5	<200	<5	<5	<5	<5	<25	<25	
S2-1	15.6	10/18/2013	<3.9	<3.9	<3.9	<3.9	<3.9	2.1	<3.9	<7.8	<3.9	<3.9	<3.9	<3.9	<160	<3.9	<3.9	<3.9	<3.9	<19	<19	
S2-2	0.5	10/18/2013	<3	<3	<3	<3	<3	<3	<6	<3	<3	<3	<3	<3	<120	<3	<3	<3	<3	<15	<15	
S2-2	2	10/18/2013	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<5.8	<2.9	<2.9	<2.9	<2.9	<120	<2.9	<2.9	<2.9	<2.9	<14	<14	
S2-2	5	10/18/2013	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<5.8	<2.9	<2.9	<2.9	<2.9	<120	<2.9	<2.9	<2.9	<2.9	<14	<14	
S3-1	0.5	10/18/2013	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<6.1	<3.1	<3.1	<3.1	<3.1	&lt							

**Table 2**  
**Analytical Results for Detected VOCs in Soil (ug/kg)**  
**Clean Harbors Wichita**

Boring ID	Depth (ft. bgs.)	Date Collected	N-		N-		Sec-		Tert-		1,2-		1,4-		Carbon		1,2-		Hexachlor			
			Isopropyl benzene	Butylbenz ene	Propylbe nzene	Butylbenz ene	Styrene	Carbon Disulfide	Butylbenz ene	Methylen e Chloride	Dichlorob enzene	Dichlorob enzene	Chlorof orm	Chloroform	Dioxane	Chloro thane	Tetrachloro ethane	Dichlorop ropane	Obutadi ne	4-Methyl-2- Pentanone	2-Hexanone	
			Interim Action Objective-->	NA	10200	110000	82700	93400	67100	NA	42.9	48400	59400	5100	850	349	NA	73.4	81.7	1100	6690	NA
S4-2	18	10/15/2013	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<9.1	<4.5	<4.5	<4.5	<4.5	<180	<4.5	<4.5	<4.5	<4.5	<23	<23	
S11-1	0.5	10/3/2013	<4	<4	<4	<4	<4	3.4	<4	<8	<4	<4	<4	<4	<160	<4	<4	<4	<4	<20	<20	
S11-1	2	10/3/2013	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<8.7	<4.3	<4.3	<4.3	<4.3	<170	<4.3	<4.3	<4.3	<4.3	<22	<22	
S11-1	5	10/3/2013	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9	<7.7	<3.9	<3.9	<3.9	<3.9	<150	<3.9	<3.9	<3.9	<3.9	<19	<19	
S11-1	10	10/3/2013	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<8.3	<4.1	<4.1	<4.1	<4.1	<170	<4.1	<4.1	<4.1	<4.1	<21	<21	
S11-1	15	10/3/2013	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<8.2	<4.1	<4.1	<4.1	<4.1	<160	<4.1	<4.1	<4.1	<4.1	<21	<21	
S11-1	18.5	10/3/2013	<4.2	<4.2	<4.2	<4.2	<4.2	5.5	<4.2	<8.4	<4.2	<4.2	<4.2	<4.2	<170	<4.2	<4.2	<4.2	<4.2	<21	<21	
S11-1A	20	10/16/2013	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<7.1	<3.6	<3.6	<3.6	<3.6	<3.6	<140	<3.6	<3.6	<3.6	<3.6	<18	<18	
S11-2	0	10/3/2013	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<12	<5.9	<5.9	<5.9	<5.9	<5.9	<230	<5.9	<5.9	<5.9	<5.9	<29	<29	
S11-2	0.5	10/3/2013	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<8.6	<4.3	<4.3	<4.3	<4.3	<4.3	<170	<4.3	<4.3	<4.3	<4.3	<21	<21	
S11-2	2	10/3/2013	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	4.1	<4.4	<4.4	<4.4	<4.4	<4.4	<170	<4.4	<4.4	<4.4	<4.4	<22	<22	
S11-2	5	10/3/2013	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<7.3	<3.6	<3.6	<3.6	<3.6	<3.6	<150	<3.6	<3.6	<3.6	<3.6	<18	<18	
S11-2	10	10/3/2013	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<9.5	<4.7	<4.7	<4.7	<4.7	<4.7	<190	<4.7	<4.7	<4.7	<4.7	<24	<24	
S11-2	15	10/3/2013	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	7.2	<4.3	<4.3	<4.3	<4.3	<4.3	<170	<4.3	<4.3	<4.3	<4.3	<21	<21	
S11-3	0.5	10/11/2013	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<6.9	<3.5	<3.5	<3.5	<3.5	<3.5	<140	<3.5	<3.5	<3.5	<3.5	<17	<17	
S11-3	2	10/11/2013	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<5	<2.5	<2.5	<2.5	<2.5	<2.5	<99	<2.5	<2.5	<2.5	<2.5	<12	<12	
S11-3	5	10/11/2013	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<8.3	<4.2	<4.2	<4.2	<4.2	<4.2	<170	<4.2	<4.2	<4.2	<4.2	<21	<21	
S11-3	10	10/11/2013	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<7.4	<3.7	<3.7	<3.7	<3.7	<3.7	<150	<3.7	<3.7	<3.7	<3.7	<19	<19	
S11-3	15	10/11/2013	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<8.7	<4.3	<4.3	<4.3	<4.3	<4.3	<170	<4.3	<4.3	<4.3	<4.3	<22	<22	
S11-3	16	10/11/2013	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<7.2	<3.6	<3.6	<3.6	<3.6	<3.6	<140	<3.6	<3.6	<3.6	<3.6	<18	<18	
S13-1	0.5	10/10/2013	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<7.5	<3.7	<3.7	<3.7	<3.7	<150	<3.7	<3.7	<3.7	<3.7	<19	<19	
S13-1	2	10/10/2013	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<7.2	<3.6	<3.6	<3.6	<3.6	<3.6	<140	<3.6	<3.6	<3.6	<3.6	<18	<18	
S13-1	5	10/10/2013	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<7.4	<3.7	<3.7	<3.7	<3.7	<3.7	<150	<3.7	<3.7	<3.7	<3.7	<19	<19	
S13-1	10	10/10/2013	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<9.1	<4.6	<4.6	<4.6	<4.6	<4.6	<180	<4.6	<4.6	<4.6	<4.6	<23	<23	
S13-1	12	10/10/2013	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<8.1	<4.1	<4.1	<4.1	<4.1	<4.1	<160	<4.1	<4.1	<4.1	<4.1	<20	<20	
S13-1	15	10/10/2013	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<8.4	<4.2	<4.2	<4.2	<4.2	<4.2	<170	<4.2	<4.2	<4.2	<4.2	<21	<21	
S13-2	0.5	10/10/2013	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<7.3	<3.7	<3.7	<3.7	<3.7	<3.7	<150	<3.7	<3.7	<3.7	<3.7	<18	<18	
S13-2	2	10/10/2013	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<9.9	<4.9	<4.9	<4.9	<4.9	<4.9	<200	<4.9	<4.9	<4.9	<4.9	<25	<25	
S13-2	5	10/10/2013	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9	<7.8	<3.9	<3.9	<3.9	<3.9	<3.9	<160	<3.9	<3.9	<3.9	<3.9	<		

**Table 2**  
**Analytical Results for Detected VOCs in Soil (ug/kg)**  
**Clean Harbors Wichita**

Boring ID	Depth (ft. bgs.)	Date Collected	N-	N-	Sec-	Tert-		1,2-	1,4-	Carbon		1,2-	Hexachlor								
			Isopropyl benzene	Butylbenz ene	Propylbenz ene	Butylbenz ene	Styrene	Carbon Disulfide	Butylbenz ene	Methylen e Chloride	Dichlorob enzene	Dichlorob enzene	Chlorobe nzene	Chlorof orm	1,4-Dioxane	Chloroe thane	Tetrachlo ride	Dichlorop ropane	obutadiene	4-Methyl-2-Pentanone	2-Hexanone
		Interim Action Objective-->	NA	10200	110000	82700	93400	67100	NA	42.9	48400	59400	5100	850	349	NA	73.4	81.7	1100	6690	NA
S14-3	5	10/8/2013	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<8.4	<4.2	<4.2	<4.2	<4.2	<4.2	<170	<4.2	<4.2	<4.2	<4.2	<21	<21
S14-4	0.5	10/7/2013	<260	<260	<260	<260	<260	<260	<510	<260	<260	<260	<260	<260	<10000	<260	<260	<260	<260	<1300	<1300
S14-4	2	10/7/2013	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9	<7.9	<3.9	<3.9	<3.9	<3.9	<160	<3.9	<3.9	<3.9	<3.9	<20	<20
S14-4	5	10/7/2013	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<8.4	<4.2	<4.2	<4.2	<4.2	<4.2	<170	<4.2	<4.2	<4.2	<4.2	<21	<21
S14-4	10	10/7/2013	<4	<4	<4	<4	<4	<4	<8.1	<4	<4	<4	<4	<4	<160	<4	<4	<4	<4	<20	<20
S14-4	14.8	10/7/2013	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9	<7.8	<3.9	<3.9	<3.9	<3.9	<3.9	<160	<3.9	<3.9	<3.9	<3.9	<19	<19
S14-4	15	10/7/2013	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<8.7	<4.4	<4.4	<4.4	<4.4	<4.4	<170	<4.4	<4.4	<4.4	<4.4	<22	<22
S14-5	0.5	10/7/2013	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<7.5	<3.7	<3.7	<3.7	<3.7	<3.7	<150	<3.7	<3.7	<3.7	<3.7	<19	<19
S14-5	2	10/7/2013	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<10	<5.1	<5.1	<5.1	<5.1	<5.1	<200	<5.1	<5.1	<5.1	<5.1	<25	<25
S14-5	5	10/7/2013	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<7.2	<3.6	<3.6	<3.6	<3.6	<3.6	<140	<3.6	<3.6	<3.6	<3.6	<18	<18
S17-1	2	10/7/2013	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<9.2	<4.6	<4.6	<4.6	<4.6	<4.6	<180	<4.6	<4.6	<4.6	<4.6	<23	<23
S17-1	5	10/7/2013	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.6	<4.8	<4.8	<4.8	<4.8	<4.8	<190	<4.8	<4.8	<4.8	<4.8	<24	<24
S17-1	10	10/7/2013	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<7.2	<3.6	<3.6	<3.6	<3.6	<3.6	<140	<3.6	<3.6	<3.6	<3.6	<18	<18
S17-1	13	10/7/2013	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<7.1	<3.5	<3.5	<3.5	<3.5	<3.5	<140	<3.5	<3.5	<3.5	<3.5	<18	<18
S17-1	15	10/7/2013	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<7.7	<3.8	<3.8	<3.8	<3.8	<3.8	<150	<3.8	<3.8	<3.8	<3.8	<19	<19
S17-1	35	10/7/2013	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<9.5	<4.7	<4.7	<4.7	<4.7	<4.7	<190	<4.7	<4.7	<4.7	<4.7	<24	<24
S17-2	0.5	10/4/2013	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<8.1	<4.1	<4.1	<4.1	<4.1	<4.1	<160	<4.1	<4.1	<4.1	<4.1	<20	<20
S17-2	2	10/4/2013	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<9.7	<4.9	<4.9	<4.9	<4.9	<4.9	<190	<4.9	<4.9	<4.9	<4.9	<24	<24
S17-2	5	10/4/2013	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<7.7	<3.8	<3.8	<3.8	<3.8	<3.8	<150	<3.8	<3.8	<3.8	<3.8	<19	<19
S17-2	10	10/4/2013	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<6.9	<3.4	<3.4	<3.4	<3.4	<3.4	<140	<3.4	<3.4	<3.4	<3.4	<17	<17
S17-2	15	10/4/2013	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<8.7	<4.3	<4.3	<4.3	<4.3	<4.3	<170	<4.3	<4.3	<4.3	<4.3	<22	<22
S17-2	17	10/4/2013	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<8.5	<4.2	<4.2	<4.2	<4.2	<4.2	<170	<4.2	<4.2	<4.2	<4.2	<21	<21
S18-1	2	10/7/2013	<6	<6	<6	<6	<6	<6	<12	<6	<6	<6	<6	<6	<240	<6	<6	<6	<6	<30	<30
S18-1	5	10/7/2013	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<7.5	<3.7	<3.7	<3.7	<3.7	<3.7	<150	<3.7	<3.7	<3.7	<3.7	<19	<19
S18-1	10	10/7/2013	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<7.4	<3.7	<3.7	<3.7	<3.7	<3.7	<150	<3.7	<3.7	<3.7	<3.7	<19	<19
S18-1	13	10/7/2013	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<8.2	<4.1	<4.1	<4.1	<4.1	<4.1	<160	<4.1	<4.1	<4.1	<4.1	<20	<20
S18-1	15	10/7/2013	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<9.4	<4.7	<4.7	<4.7	<4.7	<4.7	<190	<4.7	<4.7	<4.7	<4.7	<24	<24
S18-2	2	10/7/2013	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<9.2	<4.6	<4.6	<4.6	<4.6	<180	<4.6	<4.6	<4.6	<4.6	<23	<23
S18-2	5	10/7/2013	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<10	<5.2	<5.2	<5.2	<5.2	<210	<5.2	<5.2	<5.2	<5.2	<26	<26
S18-2	10	10/7/2013	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<7.4	<3.7	<3.7	<3.7	<3								

**Table 2**  
**Analytical Results for Detected VOCs in Soil (ug/kg)**  
**Clean Harbors Wichita**

Boring ID	Depth (ft. bgs.)	Date Collected	N-Isopropylbenzene		N-Butylbenzene		Sec-Propylbenzene		Tert-Butylbenzene		1,2-Dichlorobutene Chloride		1,4-Dichlorobutene		Carbon Chloroform		1,2-Dichloropropane		Hexachlorobutadiene		4-Methyl-2-Pentanone			
			Interim Action	Objective-->	NA	10200	110000	82700	93400	67100	NA	42.9	48400	59400	5100	850	349	NA	73.4	81.7	1100	6690	NA	
S18-6	5	10/7/2013	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<7.4	<3.7	<3.7	<3.7	<3.7	<150	<3.7	<3.7	<3.7	<3.7	<19	<19	<19	
S18-6	10	10/7/2013	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<6.9	<3.5	<3.5	<3.5	<3.5	<140	<3.5	<3.5	<3.5	<3.5	<17	<17	<17	
S18-6	15	10/7/2013	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<8.1	<4.1	<4.1	<4.1	<4.1	<160	<4.1	<4.1	<4.1	<4.1	<20	<20	<20	
S20-1	2	10/7/2013	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<8.7	<4.3	<4.3	<4.3	<4.3	<170	<4.3	<4.3	<4.3	<4.3	<22	<22	<22	
S20-1	5	10/7/2013	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<7.7	<3.8	<3.8	<3.8	<3.8	<150	<3.8	<3.8	<3.8	<3.8	<19	<19	<19	
S20-1	10	10/7/2013	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<13	<6.3	<6.3	<6.3	<6.3	<250	<6.3	<6.3	<6.3	<6.3	<31	<31	<31	
S20-1	13	10/7/2013	<4.3	<4.3	2.3	2.8	<4.3	<4.3	1.1	<8.5	<4.3	<4.3	1.2	<4.3	<170	<4.3	<4.3	<4.3	<4.3	<21	<21	<21		
S20-1	15	10/7/2013	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	2.8	<4.2	<8.4	<4.2	<4.2	<4.2	<170	<4.2	<4.2	<4.2	<4.2	<21	<21	<21		
S22-1	0.5	10/18/2013	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<11	<5.4	<5.4	<5.4	<5.4	<210	<5.4	<5.4	<5.4	<5.4	<27	<27	<27	
S22-1	2	10/9/2013	164	27.0	137	28.4	<4.1	<4.1	3.6	<8.3	<4.1	<4.1	<4.1	<4.1	<170	<4.1	<4.1	<4.1	<4.1	<21	<21	<21		
S22-1	5	10/9/2013	95.7	13.3	91.4	15.4	<4.6	2.1	1.9	<9.2	<4.6	<4.6	<4.6	<4.6	<180	<4.6	<4.6	<4.6	<4.6	<23	<23	<23		
S22-1	10	10/9/2013	10.8	2.1	9.1	2.5	<4	<4	<4	<7.9	<4	<4	<4	<4	<160	<4	<4	<4	<4	<20	<20	<20		
S22-1	15	10/9/2013	3.4	<4.8	3.9	<4.8	<4.8	<4.8	<4.8	<9.7	<4.8	<4.8	<4.8	<4.8	<190	<4.8	<4.8	<4.8	<4.8	<24	<24	<24		
S22-1	16	10/9/2013	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<8.5	<4.3	<4.3	<4.3	<4.3	<170	<4.3	<4.3	<4.3	<4.3	<21	<21	<21	
S22-2	0.5	10/9/2013	2110	34.0	2280	31.9	<4.4	<4.4	3.8	<8.8	4.1	<4.4	<4.4	<4.4	<180	<4.4	<4.4	<4.4	<4.4	<22	<22	<22		
S22-2	2	10/9/2013	1520	415	1860	284.0	<280	<280	<280	<280	<560	<280	<280	<280	<280	<11000	<280	<280	<280	<280	<1400	<1400	<1500	
S22-2	5	10/9/2013	2860	427	3050	339.0	<300	<300	<300	<300	<600	<300	<300	<300	<300	<12000	<300	<300	<300	<300	7250	<1500	<1500	
S22-2	10	10/9/2013	23.5	1.4	17.9	1.4	<3.4	<3.4	<3.4	<3.4	<6.9	<3.4	<3.4	<3.4	<3.4	<140	<3.4	<3.4	<3.4	<3.4	25.5	8.7	<21	
S22-2	15	10/9/2013	2.0	<4.3	2.0	<4.3	<4.3	<4.3	<4.3	<4.3	<8.6	<4.3	<4.3	<4.3	<4.3	<170	<4.3	<4.3	<4.3	<4.3	<21	<21	<21	
S22-2	17	10/9/2013	12.1	2.3	12.5	2.1	<3.8	5.3	<3.8	<3.8	<7.6	<3.8	<3.8	<3.8	<3.8	<150	<3.8	<3.8	<3.8	<3.8	106	<19	<19	
S24-1	2	10/10/2013	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<11	<5.6	<5.6	<5.6	<5.6	<220	<5.6	<5.6	<5.6	<5.6	<28	<28	<28	
S24-1	5	10/10/2013	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<8.3	<4.2	<4.2	<4.2	<4.2	<170	<4.2	<4.2	<4.2	<4.2	<21	<21	<21	
S24-1	10	10/10/2013	<4	<4	<4	<4	<4	<4	<4	<4	<8	<4	<4	<4	<4	<160	<4	<4	<4	<4	<20	<20	<20	
S24-1	15	10/10/2013	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<7.1	<3.5	<3.5	<3.5	<3.5	<140	<3.5	<3.5	<3.5	<3.5	<18	<18	<18	
S24-1	17	10/10/2013	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<8.8	<4.4	<4.4	<4.4	<4.4	<180	<4.4	<4.4	<4.4	<4.4	<22	<22	<22	
S24-2	0.5	10/14/2013	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<5.9	<2.9	<2.9	<2.9	<2.9	<120	<2.9	<2.9	<2.9	<2.9	<15	<15	<15
S24-2	2	10/14/2013	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<8.3	<4.2	<4.2	<4.2	<4.2	<170	<4.2	<4.2	<4.2	<4.2	<21	<21	<21	
S24-2	5	10/14/2013	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<6.2	<3.1	<3.1	<3.1	<3.1	<120	<3.1	<3.1	<3.1	<3.1	<16	<16	<16	
S24-2	10	10/14/2013	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<5.9	<2.9	<2.9	<2.9	<2.9	<120	<2.9	<2.9	<2.9	<2.9	<15	<15	<15	
S24-2	15	10/14/2013	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<5.2	<2.6	<2.6	<2.6	<2.6	<100	<2.6	<2.6	<2.6	<2.6	<13	<13	<13	
S24-2	16	10/14/2013	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<14	<6.8	<6.8	<6.8	<6.8	<270	<6.8	<6.8	<6.8	<6.8	<34	<34	<34	
S24-3	2	10/8/2013	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<11	<5.4	<5.4	<5.4	<5.4	<220	<5.4	<5.4	<5.4	<5.4	<27	<27	<27	
S24-3	5	10/8/2013	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<8.6	<4.3	<4.3	<4.3	<4.3	<170	<4.3	<4.3	<4.3	<4.3	<21	<21	<21	
S24-3	10	10/8/2013	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<6.8	<3.4	<3.4	<3.4	<3.4	<140	<4.3	<4.3	<4.3	<4.3	<21	<21	<21	
S24-3	15	10/8/2013	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<8.3	<4.2	<4.2	<4.2	<4.2	<170	<4.2	<4.2	<4.2	<4.2	<17	<17	<17	
S24-4	2	10/10/2013	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11	<5.7	<5.7	<5.7	<5.7	<230	<5.7	<5.7	<5.7	<5.7	<29	<29	<29	
S24-4	5	10/10/2013	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<9.8	<4.9	<4.9	<4.9	<4.9	<200	<4.9	<4.9	<4.9	<4.9	<25	<25	<25	
S24-4	10	10/10/2013	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.6	<4.8	<4.8	<4.8	<4.8	<190	<4.8	<4.8	<4.8	<4.8	<24	<24	<24	
S24-4	15	10/10/2013	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<7.1	<3.5	<3.5	<3.5	<3.5	<140	<3.5	<3.5	<3.5	<3.5	<18	<18	<18	
S24-4	17	10/10/2013	<3.6	<3.6	<3.6	<3																		

**Table 2**  
**Analytical Results for Detected VOCs in Soil (ug/kg)**  
**Clean Harbors Wichita**

Boring ID	Depth (ft. bgs.)	Date Collected	N-Isopropylbenzene		N-Propylbenzene		Sec-Butylbenzene		Tert-Butylbenzene		1,2-Dichlorobutene		1,4-Dichlorobutene		Carbon Chloroform		1,2-Hexachlorobutane		4-Methyl-2-Pentanone		
			benzene	benzene	benzene	benzene	Styrene	Carbon Disulfide	Butylbenzene	Methylene Chloride	Dichlorobutene	Dichlorobutene	Chlorobenzene	Chloroform	1,4-Dioxane	Chloroethane	Tetrachloroethane	Dichloropropane	1,2-Hexachlorobutane	4-Methyl-2-Pentanone	2-Hexanone
<b>Interim Action Objective--&gt;</b>			NA	10200	110000	82700	93400	67100	NA	42.9	48400	59400	5100	850	349	NA	73.4	81.7	1100	6690	NA
SEBJ-1	15	10/3/2013	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<8.6	<4.3	<4.3	<4.3	<4.3	<170	<4.3	<4.3	<4.3	<4.3	<21	<21
SEBJ-1	17	10/3/2013	<4	<4	<4	<4	<4	<4	<4	<8.1	<4	<4	<4	<4	<160	<4	<4	<4	<4	<20	<20
SEBJ-2	0.5	10/3/2013	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<10	<5.2	<5.2	<5.2	<5.2	<210	<5.2	<5.2	<5.2	<5.2	<26	<26
SEBJ-2	2	10/3/2013	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<7.3	<3.6	<3.6	<3.6	<3.6	<150	<3.6	<3.6	<3.6	<3.6	<18	<18
SEBJ-2	5	10/18/2013	<7.8	<7.8	<7.8	<7.8	<7.8	<7.8	<7.8	<16	<7.8	<7.8	<7.8	<7.8	<310	<7.8	<7.8	<7.8	<7.8	<39	<39
SEBJ-2	10	10/4/2013	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<7.4	<3.7	<3.7	<3.7	<3.7	<150	<3.7	<3.7	<3.7	<3.7	<18	<18
SEBJ-2	15	10/4/2013	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<7	<3.5	<3.5	<3.5	<3.5	<140	<3.5	<3.5	<3.5	<3.5	<17	<17
SEBJ-2	18	10/4/2013	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<8.2	<4.1	<4.1	<4.1	<4.1	<160	<4.1	<4.1	<4.1	<4.1	<20	<20
SEBJ-3	0	10/18/2013	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<15	<7.7	<7.7	<7.7	<7.7	<310	<7.7	<7.7	<7.7	<7.7	<39	<39
SEBJ-3	0.5	10/14/2013	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9	<7.9	<3.9	<3.9	<3.9	<160	<3.9	<3.9	<3.9	<3.9	<20	<20
SEBJ-3	2	10/14/2013	<8	<8	<8	<8	<8	<8	<8	<16	<8	<8	<8	<8	<320	<8	<8	<8	<8	<40	<40
SEBJ-3	5	10/14/2013	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<12	<5.9	<5.9	<5.9	<240	<5.9	<5.9	<5.9	<5.9	<30	<30
SEBJ-3	10	10/14/2013	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<6.2	<3.1	<3.1	<3.1	<120	<3.1	<3.1	<3.1	<3.1	<16	<16
SEBJ-3	15	10/18/2013	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<290	<7.2	<7.2	<7.2	<7.2	<36	<36
T2-1	27.5	10/10/2013	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<9.2	<4.6	<4.6	<4.6	<4.6	<180	<4.6	<4.6	<4.6	<4.6	<23	<23
T3-3	27.5	10/11/2013	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<170	<4.3	<4.3	<4.3	<4.3	<21	<21
T4-3	0	10/16/2013	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<180	<4.4	<4.4	<4.4	<4.4	<22	<22
T5-2	16	10/15/2013	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11	<5.7	<5.7	<5.7	<230	<5.7	<5.7	<5.7	<5.7	<28	<28
T5-2D	23	10/15/2013	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<160	<4.1	<4.1	<4.1	<4.1	<20	<20
T5-2D	31	10/15/2013	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<7.6	<3.8	<3.8	<3.8	<150	<3.8	<3.8	<3.8	<3.8	<19	<19
T5-4	20	10/11/2013	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<9.9	<4.9	<4.9	<4.9	<200	<4.9	<4.9	<4.9	<4.9	<25	<25
T5-4	27	10/11/2013	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9	<7.7	<3.9	<3.9	<3.9	<150	<3.9	<3.9	<3.9	<3.9	<19	<19
T6-2	2	10/17/2013	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<7.5	<3.7	<3.7	<3.7	<150	<3.7	<3.7	<3.7	<3.7	<19	<19
T6-2	5	10/17/2013	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<8.3	<4.1	<4.1	<4.1	<170	<4.1	<4.1	<4.1	<4.1	<21	<21
T6-2	10	10/17/2013	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.2	<8.2	<4.1	<4.1	<4.1	<160	<4.1	<4.1	<4.1	<4.1	<21	<21
T6-2	15	10/17/2013	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<8.8	<4.4	<4.4	<4.4	<180	<4.4	<4.4	<4.4	<4.4	<22	<22
T6-2	17	10/17/2013	<4	<4	<4	<4	<4	<4	<4	<8	<4	<4	<4	<4	<160	<4	<4	<4	<4	<20	<20
T6-2	26	10/17/2013	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<8.5	<4.2	<4.2	<4.2	<4.2	<170	<4.2	<4.2	<4.2	<4.2	<21	<21
T7-2	6	10/1/2013	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<6.2	<3.1	<3.1	<3.1	<3.1	<120						

**Table 2**  
**Analytical Results for Detected VOCs in Soil (ug/kg)**  
**Clean Harbors Wichita**

Boring ID	Depth (ft. bgs.)	Date Collected	Isopropyl benzene	N-Butylbenzene	N-Propylbenzene	Sec-Butylbenzene	Styrene	Tert-Butylbenzene	1,2-Butylene Chloride	1,4-Dichlorobenzene	Chlorobenzene	Chloroform	1,4-Dioxane	Carbon Tetrachloride	1,2-Dichloropropane	Hexachlorobutadiene	4-Methyl-2-Pentanone	2-Hexanone			
Interim Action Objective-->			NA	10200	110000	82700	93400	67100	NA	42.9	48400	59400	5100	850	349	NA	73.4	81.7	1100	6690	NA
A12-9	20	12/17/2013	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	NA	<4	<4	<4	<8.1	<16.1	
BC-5	5	12/18/2013	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	NA	<3.2	<3.2	<3.2	<6.4	<12.7	
BC-5	10	12/18/2013	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	NA	<3.5	<3.5	<3.5	<6.9	<13.8	
BC-5	15	12/18/2013	8.0	35.2	54.2	17.2	<3	<3	<3	<3	<3	<3	<3	<3	NA	<3	<3	<3	<5.9	<11.9	
BC-5	20	12/18/2013	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	NA	<4.2	<4.2	<4.2	<8.4	<16.7	
DC-29	15	12/19/2013	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	NA	<4.2	<4.2	<4.2	<8.4	<16.8	
DC-30	10	12/19/2013	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	NA	<5	<5	<5	<10	<19.9	
DC-31	15	12/19/2013	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	NA	<4.9	<4.9	<4.9	<9.7	<19.5	
DC-33	10	1/8/2014	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	NA	<2.7	<2.7	<2.7	<5.4	<10.8	
NBJ-2	5	2/12/2014	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	NA	<3.1	<3.1	<3.1	<6.1	<12.3	
NBJ-2	10	2/12/2014	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	NA	<3.1	<3.1	<3.1	<6.2	<12.4	
NBJ-2	15	2/12/2014	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	NA	<3.4	<3.4	<3.4	<6.7	<13.5	
NBJ-3	5	2/12/2014	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	NA	<3.1	<3.1	<3.1	<6.2	<12.5	
NBJ-3	10	2/12/2014	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	NA	<3.2	<3.2	<3.2	<6.3	<12.6	
NBJ-3	15	2/12/2014	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	NA	<2.4	<2.4	<2.4	<4.7	<9.5	
NBJ-3	20	2/12/2014	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	NA	<2.6	<2.6	<2.6	<5.1	<10.2	
NBJ-4	5	2/12/2014	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	NA	<3.3	<3.3	<3.3	<6.6	<13.2	
NBJ-4	10	2/12/2014	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	NA	<2.6	<2.6	<2.6	<5.1	<10.3	
NBJ-4	15	2/12/2014	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	NA	<3	<3	<3	<6	<12.1	
NBJ-4	20	2/12/2014	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	NA	<3	<3	<3	<6	<11.9	
S11-14	15	1/7/2014	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	NA	<2.8	<2.8	<2.8	<5.5	<11	
S11-15	15	1/7/2014	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	NA	<3.5	<3.5	<3.5	<7	<14	
S11-16	10	1/7/2014	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	NA	<3.5	<3.5	<3.5	<6.9	<13.8	
S11-18	15	1/8/2014	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	NA	<4.1	<4.1	<4.1	<8.1	<16.2	
S11-5	15	12/18/2013	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	NA	<3.3	<3.3	<3.3	<6.6	<13.3	
S11-6	5	12/18/2013	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	NA	<3.6	<3.6	<3.6	<7.2	<14.4	
S14-10	10	12/20/2013	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	NA	<5.4	<5.4	<5.4	<10.8	<21.6	
S14-13	5	2/12/2014	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	NA	<2.8	<2.8	<2.8	<5.6	<11.2	
S14-13	5	2/12/2014	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	NA	<2.8	<2.8	<2.8	<5.6	<11.2	
S14-13	10	2/12/2014	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	NA	<2.6	<2.6	<2.6	<5.2	<10.5	
S14-13	10	2/12/2014	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	NA	<2.6	<2.6	<2.6	<5.2	<10.5	
S14-13	15	1/8/2014	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	NA	<3.5	<3.5	<3.5	<7	<14.1	
S14-13	20	2/12/2014	<2.9</td																		

**Table 2**  
**Analytical Results for Detected VOCs in Soil (ug/kg)**  
**Clean Harbors Wichita**

Boring ID	Depth (ft. bgs.)	Date Collected	Isopropyl benzene	N- Butylbenzene	N- Propylbenzene	Sec- Butylbenzene	Styrene	Tert- Carbon Disulfide	1,2- Butylbenzene Chloride	1,2- Methylen e Chloride	1,2- Dichlorob enzene	1,4- Dichlorob enzene	Chlorof orm	1,4- Chloroform Dioxane	Carbon Tetrachlor ide	1,2- Dichlorop ropane	Hexachlor butadiene	4-Methyl-2- Pentanone	2-Hexanone			
				10200	110000	82700		93400	67100	NA	42.9	48400	59400	5100	850	349	NA	73.4	81.7	1100	6690	NA
			Interim Action Objective-->	NA	10200	110000	82700	93400	67100	NA	42.9	48400	59400	5100	850	349	NA	73.4	81.7	1100	6690	NA
S14-17	20	2/12/2014	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<6.3	<12.6	
S14-7	0.5	12/19/2013	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<11	<21.9	
S14-9	5	12/20/2013	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<8.3	<16.7	
S18-10	5	12/17/2013	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<7.5	<14.9	
S18-12	15	12/17/2013	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<7.2	<14.5	
S18-20	15	1/7/2014	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<5.1	<10.1	
S20-2	10	12/17/2013	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<8.4	<16.8	
S20-2	15	12/17/2013	46400	102000	262000	<23100	<23100	<23100	<23100	<23100	<23100	<23100	<23100	<23100	<23100	<23100	<23100	<23100	<23100	<46200	<92400	
S20-2	20	12/17/2013	4.9	8.6	23.7	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<8.3	<16.6	
S20-3	10	12/17/2013	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<6.7	<13.3	
S20-3	15	12/17/2013	<1870	4610	10300	<1870	<1870	<1870	<1870	<1870	<1870	<1870	<1870	<1870	<1870	<1870	<1870	<1870	<1870	<3740	<7480	
S20-3	20	12/17/2013	<4.1	<4.1	13.3	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<8.2	<16.4	
S25-3	5	12/18/2013	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<6.1	<12.2	
S25-3	10	12/18/2013	5.6	4.5	3.7	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<5.9	<11.7	
S25-3	15	12/18/2013	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<13	<26	
S25-3	20	12/18/2013	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<5.6	<11.2	
SEBJ-11	10	1/6/2014	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<7	<14.1	
SEBJ-5	15	12/19/2013	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<10.9	<21.7	
SEBJ-6	15	12/19/2013	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<8.6	<17.3	
SEBJ-8	10	1/6/2014	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<6.2	<12.5	
<b>Historic Soil Analytical Results</b>																						
B-1	16	12/1/1999	<5	<5	<5	<5	<5	NA	<5	<5	<5	<5	<5	<5	<5	NA	<10	<5	<5	<5	NA	NA
B-1	0.3	12/1/1999	<5	<5	<5	<5	<5	NA	<5	<5	<5	<5	<5	<5	<5	NA	<10	<5	<5	<5	NA	NA
B-10	0.3	12/2/1999	<5	<5	<5	<5	<5	NA	<5	<5	<5	<5	<5	<5	<5	NA	<10	<5	<5	<5	NA	NA
B-100	14.5	8/20/2002	<5	<5	<5	<5	<5	NA	<5	<5	<5	<5	<5	<5	<5	NA	<10	<5	<5	<5	NA	NA
B-100	4	8/20/2002	<5	<5	<5	<5	<5	NA	<5	<5	<5	<5	<5	<5	<5	NA	<10	<5	<5	<5	NA	NA
B-100V	14	1/31/2005	<5	<5	<5	<5	<5	NA	<5	<5	<5	<5	<5	<5	<5	NA	<10	<5	<5	<5	NA	NA
B-100V	4	1/31/2005	<5	<5	<5	<5	<5	NA	<5	<5	<5	<5	<5	<5	<5	NA	<10	<5	<5	<5	NA	NA
B-101	12	8/21/2002	<5	<5	<5	<5	<5	NA	<5	<5	<5	<5	<5	<5	<5	NA	<10	<5	<5			

**Table 2**  
**Analytical Results for Detected VOCs in Soil (ug/kg)**  
**Clean Harbors Wichita**

Boring ID	Depth (ft. bgs.)	Date Collected	Isopropyl benzene	N-Butylbenzene	N-Propylbenzene	Sec-Butylbenzene	Tert-Butylbenzene	1,2-Dichlorobenzene	1,4-Dichlorobenzene	Carbon Chloroform	1,4-Dioxane	Carbon Tetrachloride	1,2-Dichloropropane	Hexachlorobutadiene	4-Methyl-2-Pentanone	2-Hexanone
<b>Interim Action Objective--&gt;</b>																
B-11	0.3	12/1/1999	<5	<5	<5	<5	NA	<5	<5	NA	<10	<5	<5	NA	NA	
B-110	13	1/31/2005	<5	<5	<5	<5	NA	<5	<5	NA	<10	<5	<5	NA	NA	
B-110	3	1/31/2005	<5	<5	<5	<5	NA	<5	<5	NA	<10	<5	<5	NA	NA	
B-110	0.5	1/31/2005	<5	<5	<5	<5	NA	<5	<5	NA	<10	<5	<5	NA	NA	
B-111	15	1/31/2005	<5	<5	<5	<5	NA	<5	<5	NA	<10	<5	<5	NA	NA	
B-111	3	1/31/2005	<5	<5	<5	<5	NA	<5	<5	NA	<10	<5	<5	NA	NA	
B-111	0.5	1/31/2005	<5	<5	<5	<5	NA	<5	<5	NA	<10	<5	<5	NA	NA	
B-12	3	12/2/1999	<5	<5	<5	<5	NA	<5	<5	NA	<10	<5	<5	NA	NA	
B-13	12	12/2/1999	<5	<5	<5	<5	NA	<5	<5	NA	<10	<5	<5	NA	NA	
B-13	3	12/2/1999	<25	<25	<25	<25	NA	<25	28.0	<25	<25	<5	<5	NA	NA	
B-14	0.3	12/1/1999	<5	<5	<5	<5	NA	<5	5.0	<5	<5	<5	<5	<25	<25	
B-15	3	12/1/1999	<5	<5	<5	<5	NA	<5	<5	NA	<10	<5	<5	NA	NA	
B-16	3	12/1/1999	<5	<5	<5	<5	NA	<5	<5	NA	<10	<5	<5	NA	NA	
B-17	3	12/1/1999	<5	<5	<5	<5	NA	<5	<5	NA	<10	<5	<5	NA	NA	
B-18	3	12/2/1999	<5	<5	<5	<5	NA	<5	<5	NA	<10	<5	<5	NA	NA	
B-19	13	12/2/1999	<5	<5	<5	<5	NA	<5	<5	NA	<10	<5	<5	NA	NA	
B-19	3	12/2/1999	<5	<5	<5	<5	NA	<5	5.1	<5	<5	<5	<5	NA	NA	
B-2	0.3	12/2/1999	<5	<5	<5	<5	NA	<5	<5	NA	<10	<5	<5	NA	NA	
B-20	16	12/2/1999	<5	<5	<5	<5	NA	<5	<5	NA	<10	<5	<5	NA	NA	
B-20	3	12/2/1999	<5	<5	<5	<5	NA	<5	<5	NA	<10	<5	<5	NA	NA	
B-21	12	12/2/1999	<25	<25	<25	<25	NA	<25	26.0	<25	<25	<5	<5	<25	<25	
B-21	3	12/2/1999	<500	<500	<500	<500	NA	<500	<500	<500	<500	<500	<500	<500	NA	
B-22	16	12/2/1999	<5	<5	<5	<5	NA	<5	<5	NA	<1000	<500	<500	<500	NA	
B-22	3	12/2/1999	<5	<5	<5	<5	NA	<5	<5	NA	<10	<5	<5	NA	NA	
B-23	3	12/2/1999	<5	<5	<5	<5	NA	<5	5.5	<5	<5	<5	<5	NA	NA	
B-23	8	12/2/1999	<5	<5	<5	<5	NA	<5	<5	NA	<10	<5	<5	NA	NA	
B-24	3	11/30/1999	<25	<25	<25	<25	NA	<25	<25	NA	<50	<25	<25	<25	NA	
B-24	6	11/30/1999	<5	<5	<5	<5	NA	<5	<5	NA	<10	<5	<5	NA	NA	
B-25	11	11/30/1999	<5	<5	<5	<5	NA	<5	<5	NA	<10	<5	<5	NA	NA	
B-25	15	11/30/1999	<5	<5	<5	<5	NA	<5	<5	NA	<10	<5	<5	NA	NA	
B-26	10	11/30/1999	<5	<5	<5	<5	NA	<5	<5	NA	<10	<5	<5	NA	NA	
B-27	15	11/30/1999	<5	<5	<5	<5	NA	<5	<5	NA	<10	<5	<5	NA	NA	
B-27	3	11/30/1999	<5	<5	<5	<5	NA	<5	<5	NA	<10	<5	<5	NA	NA	
B-28	0.3	12/1/1999	<5	<5	<5	<5	NA	<5	<5	NA	<10	<5	<5	NA	NA	
B-29	13	12/1/1999	<5	<5	<5	<5	NA	<5	<5	NA	<10	<5	<5	NA	NA	
B-29	0.3	12/1/1999	<5	<5	<5	<5	NA	<5	<5	NA	<10	<5	<5	NA	NA	
B-3	3	12/2/1999	<5	<5	<5	<5	NA	<5	<5	NA	<10	<5	<5	NA	NA	
B-3	6	12/2/1999	<5	<5	<5	<5	NA	<5	<5	NA	<10	<5	<5	NA	NA	
B-30	16	12/1/1999	<5	<5	<5	<5	NA	<5	5.0	<5	<5	<5	<5	NA	NA	
B-30	0.3	12/1/1999	<5	<5	<5	<5	NA	<5	<5	NA	<10	<5	<5	NA	NA	
B-31	5	11/30/1999	<5	25.0	7.0	5.0	<5	NA	<5	21.0	<5	<5	<5	NA	NA	
B-31V	0.5	1/31/2005	310	790	670	150.0	<5	NA	<5	420	<5	<10	<5	NA	NA	
B-32	3	11/30/1999	<5	<5	<5	<5	NA	<5	<5	NA	<10	<5	<5	NA	NA	
B-33	15	11/30/1999	<5	<5	<5	<5	NA	<5	<5	NA	<10	<5	<5	NA	NA	
B-33	3	11/30/1999	<5	<5	<5	<5	NA	<5	<5	NA	<10	<5	<5	NA	NA	
B-34	3	11/30/1999	<5	<5	<5	<5	NA	<5	<5	NA	<10	<5	<5	NA	NA	
B-35	13	12/2/1999	<5	<5	<5	<5	NA	<5	<5	NA	<10	<5	<5	NA	NA	
B-35	6	12/2/1999	<5	<5	<5	<5	NA	<5	<5	NA	<10	<5	<5	NA	NA	
B-36	3	12/2/1999	<5	<5	<5	<5	NA	<5	<5	NA	<10	<5	<5	NA	NA	
B-37	3	12/2/1999	<5	<5	<5	<5	NA	<5	<5	NA	<10	<5	<5	NA	NA	

**Table 2**  
**Analytical Results for Detected VOCs in Soil (ug/kg)**  
**Clean Harbors Wichita**

Boring ID	Depth (ft. bgs.)	Date Collected	N-Isopropylbenzene	N-Butylbenzene	Sec-Propylbenzene	Tert-Butylbenzene	1,2-Dichlorobenzene	1,4-Dichlorobenzene	Chlorobenzene	Chloroform	1,4-Dioxane	Carbon Tetrachloride	1,2-Dichloropropane	Hexachlorobutadiene	4-Methyl-2-Pentanone	2-Hexanone		
			NA	10200	110000	82700	93400	67100	NA	850	349	NA	73.4	81.7	1100	6690	NA	
B-38	3	12/2/1999	<5	<5	<5	<5	NA	<5	<5	<5	<5	NA	<10	<5	<5	NA	NA	
B-39	0.3	12/1/1999	<5	<5	<5	<5	NA	<5	<5	<5	<5	NA	<10	<5	<5	NA	NA	
B-4	16	12/1/1999	1000	4600	5900	<1000	<1000	NA	<1000	<1000	<1000	NA	<2000	<1000	<1000	<1000	NA	
B-4	0.3	12/1/1999	<5	<5	<5	<5	NA	<5	5.0	<5	<5	NA	<10	<5	<5	NA	NA	
B-40	16	12/1/1999	<5	<5	<5	<5	NA	<5	<5	<5	<5	NA	<10	<5	<5	NA	NA	
B-40	0.3	12/1/1999	<5	<5	<5	<5	NA	<5	5.7	<5	<5	NA	<10	<5	<5	NA	NA	
B-41	0.3	12/1/1999	<5	<5	<5	<5	NA	<5	<5	<5	<5	NA	<10	<5	<5	NA	NA	
B-42	0.3	12/1/1999	<5	<5	<5	<5	NA	<5	<5	<5	<5	NA	<10	<5	<5	NA	NA	
B-43	0.3	12/1/1999	<5	<5	<5	<5	NA	<5	<5	<5	<5	NA	<10	<5	<5	NA	NA	
B-44	11	11/30/1999	<5	<5	<5	<5	NA	<5	<5	<5	<5	NA	<10	<5	<5	NA	NA	
B-44	15	11/30/1999	<5	<5	<5	<5	NA	<5	<5	<5	<5	NA	<10	<5	<5	NA	NA	
B-45	14	11/8/2001	<25	<25	<25	<25	NA	<25	<25	<25	<25	NA	<50	<25	<25	NA	NA	
B-45	4	11/8/2001	<5	<5	<5	<5	NA	<5	<5	<5	<5	NA	<10	<5	<5	NA	NA	
B-46	13	11/8/2001	<25	<25	<25	<25	NA	<25	<25	<25	<25	NA	<50	<25	<25	NA	NA	
B-46	2	11/8/2001	<1200	<1200	<1200	<1200	NA	<1200	<1200	<1200	<1200	NA	<2400	<1200	<1200	NA	NA	
B-47	14	11/8/2001	<5	<5	<5	<5	NA	<5	<5	<5	<5	NA	<10	<5	<5	NA	NA	
B-47	3	11/8/2001	<25	<25	<25	<25	NA	<25	<25	<25	<25	NA	<50	<25	<25	NA	NA	
B-48	14	11/9/2001	<5	<5	<5	<5	NA	<5	<5	<5	<5	NA	<10	<5	<5	NA	NA	
B-48	3	11/9/2001	<5	<5	<5	<5	NA	<5	<5	<5	<5	NA	<10	<5	<5	NA	NA	
B-49	15	11/7/2001	<5	<5	<5	<5	NA	<5	<5	<5	<5	NA	<10	<5	<5	NA	NA	
B-49	4	11/7/2001	<5	<5	<5	<5	NA	<5	<5	<5	<5	NA	<10	<5	<5	NA	NA	
B-5	0.3	12/1/1999	<5	<5	<5	<5	NA	<5	<5	<5	<5	NA	<10	<5	<5	NA	NA	
B-50	15	11/9/2001	<5	<5	<5	<5	NA	<5	<5	<5	<5	NA	<10	<5	<5	NA	NA	
B-50	4	11/9/2001	<25	<25	<25	<25	NA	<25	<25	<25	<25	NA	<50	<25	<25	NA	NA	
B-51	15	11/7/2001	<5	<5	<5	<5	NA	<5	<5	<5	<5	NA	<10	<5	<5	NA	NA	
B-51	4	11/7/2001	<5	<5	<5	<5	NA	<5	<5	<5	<5	NA	<10	<5	<5	NA	NA	
B-52	15	11/7/2001	<250	400	370	<250	NA	<250	<250	<250	<250	NA	<500	<250	<250	NA	NA	
B-52	4	11/7/2001	<5	<5	<5	<5	NA	<5	<5	<5	<5	NA	<10	<5	<5	NA	NA	
B-53	17	11/7/2001	<5	<5	<5	<5	NA	<5	<5	<5	<5	NA	<10	<5	<5	NA	NA	
B-53	5	11/7/2001	<25	<25	<25	<25	NA	<25	<25	<25	<25	NA	<50	<25	<25	NA	NA	
B-54	17	11/7/2001	<5	<5	<5	<5	NA	<5	<5	<5	<5	NA	<10	<5	<5	NA	NA	
B-54	4	11/7/2001	<5	<5	<5	<5	NA	<5	<5	<5	<5	NA	<10	<5	<5	NA	NA	
B-55	17	11/6/2001	<5	<5	<5	<5	NA	<5	<5	<5	<5	NA	<10	<5	<5	NA	NA	
B-55	3	11/6/2001	<5	<5	<5	<5	NA	<5	<5	<5	<5	NA	<10	<5	<5	NA	NA	
B-56	16	11/9/2001	<5	<5	<5	<5	NA	<5	<5	<5	<5	NA	<10	<5	<5	NA	NA	
B-56	3	11/9/2001	<5	<5	<5	<5	NA	<5	<5	<5	<5	NA	<10	<5	<5	NA	NA	
B-57	15	11/7/2001	<5	<5	<5	<5	NA	<5	<5	<5	<5	NA	<10	<5	<5	NA	NA	
B-57	4	11/7/2001	<5	<5	<5	<5	NA	<5	<5	<5	<5	NA	<10	<5	<5	NA	NA	
B-58	16	11/7/2001	<5	<5	<5	<5	NA	<5	<5	<5	<5	NA	<10	<5	<5	NA	NA	
B-58	4	11/7/2001	<5	<5	<5	<5	NA	<5	<5	<5	<5	NA	<10	<5	<5	NA	NA	
B-59	15	11/12/2001	<5	<5	<5	<5	NA	<5	<5	<5	<5	NA	<10	<5	<5	NA	NA	
B-59	3	11/12/2001	11.0	8.6	30.0	18.0	<5	NA	12.0	<5	<5	<5	<10	NA	<10	<5	NA	NA
B-6	0.3	12/1/1999	<5	<5	<5	<5	NA	<5	<5	<5	<5	NA	<10	<5	<5	NA	NA	
B-60	1	11/9/2001	<5	<5	<5	<5	NA	<5	<5	<5	<5	NA	<10	<5	<5	NA	NA	
B-60	16	11/9/2001	<5	<5	<5	<5	NA	<5	<5	<5	<5	NA	<10	<5</td				

**Table 2**  
**Analytical Results for Detected VOCs in Soil (ug/kg)**  
**Clean Harbors Wichita**

**Table 2**  
**Analytical Results for Detected VOCs in Soil (ug/kg)**  
**Clean Harbors Wichita**

Boring ID	Depth (ft. bgs.)	Date Collected	N-Isopropylbenzene	N-Butylbenzene	Sec-Propylbenzene	Tert-Butylbenzene	1,2-Butylenedichloride	1,4-Dichlorobenzene	Chloroform	1,4-Chlorobutane	Carbon Tetrachloride	1,2-Hexachlorobutane	4-Methyl-2-Pentanone	2-Hexanone							
			Interim Action Objective-->	NA	10200	110000	82700	93400	67100	NA	42.9	48400	59400	5100	850	349	NA	73.4	81.7	1100	6690
B-97	14	8/20/2002	<5	<5	<5	<5	<5	NA	<5	<5	<5	<5	<5	<10	NA	<10	<5	<5	<5	NA	NA
B-98	0.5	8/20/2002	<5	<5	<5	<5	<5	NA	<5	<5	<5	<5	<5	<10	NA	<10	<5	<5	<5	NA	NA
B-98	12	8/20/2002	<5	<5	<5	<5	<5	NA	<5	<5	<5	<5	<5	<10	NA	<10	<5	<5	<5	NA	NA
B-99	12	8/21/2002	<5	<5	<5	<5	<5	NA	<5	<5	<5	<5	<5	<10	NA	<10	<5	<5	<5	NA	NA
B-99	8	8/21/2002	<5	<5	<5	<5	<5	NA	<5	<5	<5	<5	<5	<10	NA	<10	<5	<5	<5	NA	NA

**Data Summary:**

Number of Analyses	702	702	702	702	702	702	702	702	702	702	702	702	702	702	702	702	702	702	702	702
Number of Detections	37	34	44	32	2	20	13	15	7	1	3	28	26	5	2	1	1	6	2	
Frequency of Detection	5.3%	4.8%	6.3%	4.6%	0.3%	2.8%	1.9%	2.1%	1.0%	0.1%	0.4%	4.0%	3.7%	0.7%	0.3%	0.1%	0.1%	0.9%	0.3%	
Min Detected Conc.	1	1.4	0.96	1.2	1.1	1.9	1.1	2.6	1.9	1.4	1.2	0.66	55.8	2.6	0.94	1.3	242	5.4	8.7	
Average Detected Conc.	2463	3572	7653	2401	6601	4.4	17	8.2	82	1.4	369	1.5	1204	12	1.0	1.3	242	1353	32	
Max Detected Conc.	46400	102000	262000	69800	13200	12.8	147	28	420	1.4	1100	3.9	13000	32.2	0.99	1.3	242	7250	55.6	

**Notes:**

Interim Action Objectives - Kansas Depa

Values in **BOLD** exceed Interim Action C

NA - Not Analyzed

**Table 3**  
**Clean Harbors Wichita**  
**Supplemental Phase IV RFI Investigation**  
**Mobile Lab Results (ug/kg).**

Boring ID	Depth	Date	Benzene	Toluene	Ethylbenzene	Xylene	cis-1,2-DCE	TCE	PCE
Interim Action Objective→			168	51200	65600	809000	855	84.2	121
S18-9	2	12/17/2013	ND	ND	ND	ND	ND	ND	55.7
S18-9	5	12/17/2013	ND	ND	ND	ND	ND	ND	10.5
S18-10	2	12/17/2013	ND	ND	ND	ND	ND	ND	145
S18-10	5	12/17/2013	ND	ND	ND	ND	ND	ND	22.1
S18-8	2	12/17/2013	ND	ND	ND	ND	ND	4.25	30.5
S18-8	5	12/17/2013	ND	ND	ND	ND	ND	39.9	232
S18-7	2	12/17/2013	ND	ND	ND	ND	ND	ND	108
S18-7	5	12/17/2013	ND	ND	ND	ND	ND	ND	21.0
A12-9	5	12/17/2013	ND	ND	ND	ND	ND	ND	ND
A12-9	10	12/17/2013	ND	ND	ND	ND	ND	ND	ND
A12-9	15	12/17/2013	ND	ND	ND	ND	ND	ND	ND
A12-9	20	12/17/2013	ND	ND	ND	ND	ND	ND	ND
A12-9	20	12/17/2013	ND	ND	ND	ND	ND	ND	ND
A12-8	5	12/17/2013	137	25410	13310	50946	ND	21.0	445
A12-8	10	12/17/2013	147	57414	22100	96600	ND	33.6	1008
A12-8	15	12/17/2013	ND	40.7	177	779	ND	ND	ND
A12-8	20	12/17/2013	ND	23.1	31.5	137	ND	ND	ND
A12-10	5	12/17/2013	ND	ND	ND	ND	ND	ND	ND
A12-10	10	12/17/2013	ND	ND	ND	ND	ND	ND	ND
A12-10	15	12/17/2013	ND	ND	ND	ND	ND	ND	ND
A12-10	20	12/17/2013	ND	ND	ND	ND	ND	ND	ND
A12-7	5	12/17/2013	ND	ND	ND	ND	ND	ND	ND
A12-7	10	12/17/2013	ND	ND	ND	ND	ND	ND	ND
A12-7	15	12/17/2013	ND	372	3140	14038	ND	ND	ND
A12-7	20	12/17/2013	ND	ND	ND	ND	ND	ND	ND
A12-7	20	12/17/2013	ND	ND	ND	ND	ND	ND	ND
S18-13	5	12/17/2013	ND	ND	ND	ND	ND	ND	ND
S18-14	2	12/17/2013	ND	ND	ND	ND	ND	ND	210
S18-14	5	12/17/2013	ND	ND	ND	ND	ND	ND	102
S18-12	5	12/17/2013	ND	ND	ND	ND	ND	ND	ND
S18-12	15	12/17/2013	ND	ND	ND	ND	ND	ND	ND
S18-12	20	12/17/2013	ND	ND	ND	ND	ND	ND	ND
S18-11	5	12/17/2013	ND	ND	ND	ND	111	48.8	29500
S18-11	15	12/17/2013	ND	ND	ND	ND	ND	ND	1920
S18-11	20	12/17/2013	ND	ND	ND	ND	ND	ND	ND
A10-9	2	12/18/2013	ND	ND	ND	ND	ND	ND	338
A10-9	5	12/18/2013	ND	ND	ND	ND	ND	ND	302
A10-9	5	12/18/2013	ND	ND	ND	ND	ND	ND	293
A10-10	2	12/18/2013	ND	ND	ND	ND	ND	ND	238
A10-10	5	12/18/2013	ND	ND	ND	ND	ND	ND	235
A10-11	2	12/18/2013	ND	ND	ND	ND	ND	ND	116
A10-11	5	12/18/2013	ND	ND	ND	ND	ND	ND	49.1
A10-7	2	12/18/2013	ND	ND	ND	ND	ND	ND	ND
A10-8	5	12/18/2013	ND	ND	ND	ND	ND	ND	ND
A10-7	5	12/18/2013	ND	ND	ND	ND	ND	ND	20.6
A10-7	10	12/18/2013	ND	ND	ND	ND	13.4	12.1	32.5
A10-7	15	12/18/2013	ND	ND	ND	ND	ND	ND	ND
A10-7	20	12/18/2013	ND	ND	ND	ND	ND	ND	ND
A10-7	20	12/18/2013	ND	ND	ND	ND	ND	ND	ND
A10-6	2	12/18/2013	ND	ND	ND	ND	ND	23.4	370
A10-6	5	12/18/2013	ND	ND	ND	ND	ND	8.5	19.9
A10-6	10	12/18/2013	ND	ND	ND	ND	18.9	8.8	17.0
A10-6	15	12/18/2013	ND	ND	ND	ND	ND	ND	ND
A10-6	20	12/18/2013	ND	ND	ND	ND	84.4	13.9	73.1
S25-3	5	12/18/2013	ND	ND	ND	ND	ND	ND	ND
S25-3	10	12/18/2013	ND	ND	ND	ND	ND	ND	ND
S25-3	15	12/18/2013	ND	ND	ND	ND	ND	ND	ND
S25-3	20	12/18/2013	ND	ND	ND	ND	ND	ND	ND
S11-6	2	12/18/2013	ND	ND	ND	ND	440	285	1348
S11-6	5	12/18/2013	ND	ND	ND	ND	744	214	1251
S11-6	5	12/18/2013	ND	ND	ND	ND	734	214	1208

**Table 3**  
**Clean Harbors Wichita**  
**Supplemental Phase IV RFI Investigation**  
**Mobile Lab Results (ug/kg)**

Boring ID	Depth	Date	Benzene	Toluene	Ethylbenzene	Xylene	cis-1,2-DCE	TCE	PCE
Interim Action Objective-->			168	51200	65600	809000	855	84.2	121
S11-6	10	12/18/2013	ND	ND	ND	ND	1340	330	1764
S11-6	15	12/18/2013	ND	ND	ND	ND	250	134	1266
S11-4	2	12/18/2013	ND	ND	ND	ND	1499	662	6357
S11-4	5	12/18/2013	ND	ND	ND	ND	252	149	1376
S11-4	10	12/18/2013	ND	ND	ND	ND	547	410	4599
S11-4	15	12/18/2013	ND	ND	ND	ND	2425	1386	7629
S11-4	20	12/18/2013	ND	ND	ND	ND	ND	ND	8.8
S11-5	2	12/18/2013	ND	ND	ND	ND	254	284	2457
S11-5	5	12/18/2013	ND	ND	ND	ND	374	306	2594
S11-5	10	12/18/2013	ND	ND	ND	ND	158	147	678
S11-5	15	12/18/2013	ND	ND	ND	ND	1657	1178	6450
S11-5	20	12/18/2013	ND	ND	ND	ND	8.5	ND	19.9
S18-15	2	12/18/2013	ND	ND	ND	ND	ND	ND	82.0
S18-16	2	12/18/2013	ND	ND	ND	ND	ND	ND	256
S18-17	2	12/18/2013	ND	ND	ND	ND	ND	ND	314
S18-18	5	12/18/2013	ND	ND	ND	ND	ND	ND	1030
S18-18	15	12/18/2013	ND	ND	ND	ND	55.5	24.5	368
S18-18	15	12/18/2013	ND	ND	ND	ND	54.0	22.9	323
SEBJ-7	10	12/18/2013	ND	ND	ND	ND	34.7	18.6	125
SEBJ-7	15	12/18/2013	ND	ND	ND	ND	36.8	18.9	557
SEBJ-7	20	12/18/2013	ND	ND	ND	ND	ND	ND	ND
SEBJ-6	10	12/19/2013	ND	ND	ND	ND	ND	ND	102
SEBJ-6	10	12/19/2013	ND	ND	ND	ND	ND	ND	120
SEBJ-6	15	12/19/2013	ND	ND	ND	ND	26.6	18.2	334
SEBJ-6	20	12/19/2013	ND	ND	ND	ND	16.1	ND	12
SEBJ-5	10	12/19/2013	ND	ND	ND	ND	43.4	32.2	133
SEBJ-5	15	12/19/2013	ND	ND	ND	ND	38.5	28	531
SEBJ-5	20	12/19/2013	ND	ND	ND	ND	ND	ND	8.5
SEBJ-4	10	12/19/2013	ND	ND	ND	ND	120	40.1	230
SEBJ-4	15	12/19/2013	ND	ND	ND	ND	34.7	19	300
A10-4	20	12/19/2013	ND	ND	ND	ND	ND	ND	8.6
A10-12	5	12/19/2013	ND	ND	ND	ND	ND	ND	137
A10-12	10	12/19/2013	ND	ND	ND	ND	ND	ND	134
A10-12	15	12/19/2013	ND	ND	ND	ND	ND	ND	ND
A10-10	10	12/19/2013	ND	ND	ND	ND	ND	ND	113
A10-10	15	12/19/2013	ND	ND	ND	ND	ND	ND	46.8
A10-14	2	12/19/2013	ND	ND	ND	ND	ND	ND	39.2
A10-14	2	12/19/2013	ND	ND	ND	ND	ND	ND	36.8
A10-13	5	12/19/2013	ND	ND	ND	ND	ND	ND	199
A10-13	10	12/19/2013	ND	ND	ND	ND	ND	ND	58
A10-13	15	12/19/2013	ND	ND	ND	ND	ND	ND	ND
A10-9	10	12/19/2013	ND	ND	ND	ND	ND	ND	20.7
A10-9	15	12/19/2013	ND	ND	ND	ND	ND	ND	43.2
DC-30	10	12/19/2013	ND	ND	ND	ND	449	78.8	441
DC-30	15	12/19/2013	ND	ND	ND	ND	259	45.9	225
DC-30	20	12/19/2013	ND	ND	ND	ND	ND	ND	9.1
DC-31	10	12/19/2013	ND	ND	ND	ND	2430	270	2293
DC-31	15	12/19/2013	ND	ND	ND	ND	198	24	195
DC-31	20	12/19/2013	ND	ND	ND	ND	ND	ND	8.7
DC-32	10	12/19/2013	ND	ND	ND	ND	6185	588	3370
DC-32	10	12/19/2013	ND	ND	ND	ND	5802	515	2920
DC-32	15	12/19/2013	ND	ND	ND	ND	3326	142	649
DC-32	20	12/19/2013	ND	ND	ND	ND	67.5	ND	8.5
DC-29	10	12/19/2013	ND	ND	ND	ND	29.6	8.8	45.4
DC-29	15	12/19/2013	ND	ND	ND	ND	21.4	ND	10
DC-29	20	12/19/2013	ND	ND	ND	ND	ND	ND	ND
S14-6	0.5	12/19/2013	ND	ND	ND	ND	ND	ND	69.3
S14-6	5	12/19/2013	ND	ND	ND	ND	ND	ND	ND
S14-6	10	12/19/2013	ND	ND	ND	ND	ND	ND	ND
S14-6	15	12/19/2013	ND	ND	ND	ND	ND	ND	11.5
S14-6	20	12/19/2013	ND	ND	ND	ND	ND	ND	ND

**Table 3**  
**Clean Harbors Wichita**  
**Supplemental Phase IV RFI Investigation**  
**Mobile Lab Results (ug/kg)**

Boring ID	Depth	Date	Benzene	Toluene	Ethylbenzene	Xylene	cis-1,2-DCE	TCE	PCE
Interim Action Objective-->			168	51200	65600	809000	855	84.2	121
S14-7	0.5	12/19/2013	ND	ND	ND	ND	ND	ND	8.9
S14-7	5	12/19/2013	ND	ND	ND	ND	ND	ND	ND
S14-7	10	12/19/2013	ND	ND	ND	ND	ND	ND	10.5
S14-7	10	12/19/2013	ND	ND	ND	ND	ND	ND	10
S14-7	15	12/19/2013	ND	ND	ND	ND	ND	ND	54.2
S14-7	20	12/19/2013	ND	ND	ND	ND	ND	ND	ND
S14-8	0.5	12/19/2013	ND	ND	ND	ND	ND	171	ND
S14-8	5	12/19/2013	ND	ND	ND	ND	ND	ND	234
S14-8	10	12/19/2013	ND	ND	ND	ND	ND	16.4	253
S14-8	15	12/19/2013	ND	ND	ND	ND	ND	ND	67.5
S14-8	20	12/19/2013	ND	ND	ND	ND	ND	ND	ND
S11-7	5	12/20/2013	ND	ND	ND	ND	37.2	39.1	238
S11-7	10	12/20/2013	ND	ND	ND	ND	70.9	63	349
S11-7	15	12/20/2013	ND	ND	ND	ND	192	177	1197
S11-7	20	12/20/2013	ND	ND	ND	ND	ND	ND	8.8
S11-8	5	12/20/2013	ND	ND	ND	ND	44.1	33.6	222
S11-8	10	12/20/2013	ND	ND	ND	ND	36.8	37.8	257
S11-8	15	12/20/2013	ND	ND	ND	ND	1423	1050	5439
S11-8	20	12/20/2013	ND	ND	ND	ND	ND	ND	29
S11-9	5	12/20/2013	ND	ND	ND	ND	68.3	22.1	35.7
S11-9	10	12/20/2013	ND	ND	ND	ND	61.1	17	56.1
S11-9	15	12/20/2013	ND	ND	ND	ND	888	118	358
S11-9	20	12/20/2013	ND	ND	ND	ND	35.1	ND	8.6
S11-9	20	12/20/2013	ND	ND	ND	ND	34.2	ND	8.5
S18-19	5	12/20/2013	ND	ND	ND	ND	27.3	9.6	683
S18-19	10	12/20/2013	ND	ND	ND	ND	ND	ND	2029
S18-19	15	12/20/2013	ND	ND	ND	ND	91.7	21	2093
S18-19	20	12/20/2013	ND	ND	ND	ND	ND	ND	32.1
S14-9	2	12/20/2013	ND	ND	ND	ND	ND	163	25.2
S14-9	5	12/20/2013	ND	ND	ND	ND	ND	21	11.1
S14-9	10	12/20/2013	ND	ND	ND	ND	ND	16.1	9.9
S14-9	15	12/20/2013	ND	ND	ND	ND	ND	70.9	231
S14-9	20	12/20/2013	ND	ND	ND	ND	ND	ND	ND
S14-10	2	12/20/2013	ND	ND	ND	ND	ND	ND	53.6
S14-10	5	12/20/2013	ND	ND	ND	ND	ND	ND	12.6
S14-10	10	12/20/2013	ND	ND	ND	ND	ND	ND	ND
S14-10	15	12/20/2013	ND	ND	ND	ND	ND	ND	25.2
S14-10	20	12/20/2013	ND	ND	ND	ND	ND	ND	ND
S14-11	2	12/20/2013	ND	ND	ND	ND	ND	ND	ND
S14-11	5	12/20/2013	ND	ND	ND	ND	ND	ND	ND
S14-11	10	12/20/2013	ND	ND	ND	ND	ND	ND	ND
S14-11	15	12/20/2013	ND	ND	ND	ND	ND	ND	ND
S14-11	20	12/20/2013	ND	ND	ND	ND	ND	ND	ND
S14-11	20	12/20/2013	ND	ND	ND	ND	ND	ND	ND
S14-12	2	12/20/2013	ND	ND	ND	ND	ND	ND	45.4
S14-12	5	12/20/2013	ND	ND	ND	ND	ND	ND	9.8
S14-12	10	12/20/2013	ND	ND	ND	ND	ND	ND	ND
S14-12	15	12/20/2013	ND	ND	ND	ND	ND	ND	ND
S14-12	20	12/20/2013	ND	ND	ND	ND	ND	ND	ND
S11-10	5	12/20/2013	ND	ND	ND	ND	ND	21.4	32.8
S11-10	10	12/20/2013	ND	ND	ND	ND	8.7	9	81.1
S11-10	15	12/20/2013	ND	ND	ND	ND	65.4	67.7	439
S11-10	15	12/20/2013	ND	ND	ND	ND	61.2	63	406
S11-10	20	12/20/2013	ND	ND	ND	ND	ND	ND	ND
S11-11	5	12/20/2013	ND	ND	ND	ND	ND	34.2	27
S11-11	10	12/20/2013	ND	ND	ND	ND	96.6	93.1	490
S11-11	15	12/20/2013	ND	ND	ND	ND	571	420	1890
S11-11	20	12/20/2013	ND	ND	ND	ND	ND	ND	56.7
S11-12	5	12/20/2013	ND	ND	ND	ND	81.9	26.8	90.6
S11-12	10	12/20/2013	ND	ND	ND	ND	112	33.1	118
S11-12	15	12/20/2013	ND	ND	ND	ND	147	32.8	87.6

**Table 3**  
**Clean Harbors Wichita**  
**Supplemental Phase IV RFI Investigation**  
**Mobile Lab Results (ug/kg)**

Boring ID	Depth	Date	Benzene	Toluene	Ethylbenzene	Xylene	cis-1,2-DCE	TCE	PCE
Interim Action Objective→			168	51200	65600	809000	855	84.2	121
S11-12	20	12/20/2013	ND	ND	ND	ND	387	ND	ND
SEBJ-8	5	1/6/2014	ND	ND	ND	ND	34.7	63	647
SEBJ-8	10	1/6/2014	ND	ND	ND	ND	4.95	5.85	100
SEBJ-8	15	1/6/2014	ND	ND	ND	ND	95.8	69.3	980
SEBJ-8	20	1/6/2014	ND	ND	ND	ND	62.2	15.5	246
SEBJ-9	5	1/6/2014	ND	ND	ND	ND	31.7	67.7	114
SEBJ-9	10	1/6/2014	ND	ND	ND	ND	20	ND	12.1
SEBJ-9	15	1/6/2014	ND	ND	ND	ND	65.7	46.8	464
SEBJ-9	20	1/6/2014	ND	ND	ND	ND	403	15.8	195
A10-16	2	1/6/2014	ND	ND	ND	ND	ND	ND	ND
A10-16	5	1/6/2014	ND	ND	ND	ND	ND	ND	21
A10-17	2	1/6/2014	ND	ND	ND	ND	ND	ND	ND
A10-17	5	1/6/2014	ND	ND	ND	ND	80.1	ND	ND
A10-17	10	1/6/2014	ND	ND	ND	ND	ND	ND	ND
A10-17	15	1/6/2014	ND	ND	ND	ND	ND	ND	ND
A10-15	5	1/6/2014	ND	ND	ND	ND	ND	ND	ND
A10-15	10	1/6/2014	ND	ND	ND	ND	ND	ND	ND
SEBJ-11	5	1/6/2014	ND	ND	ND	ND	42	ND	26.1
SEBJ-11	10	1/6/2014	ND	ND	ND	ND	ND	ND	34.5
SEBJ-11	15	1/6/2014	ND	ND	ND	ND	ND	ND	102
SEBJ-11	20	1/6/2014	ND	ND	ND	ND	ND	ND	95.1
SEBJ-10	5	1/6/2014	ND	ND	ND	ND	ND	ND	ND
SEBJ-10	10	1/6/2014	ND	ND	ND	ND	ND	ND	35.2
SEBJ-10	15	1/6/2014	ND	ND	ND	ND	ND	ND	51.2
SEBJ-10	20	1/6/2014	ND	ND	ND	ND	20.6	8.5	80.1
S11-17	5	1/7/2014	ND	ND	ND	ND	ND	ND	9
S11-17	10	1/7/2014	ND	ND	ND	ND	15.3	8.6	34.3
S11-17	15	1/7/2014	ND	ND	ND	ND	43.7	13.9	53.3
S11-17	20	1/7/2014	ND	ND	ND	ND	46.6	6.93	11.1
S11-16	5	1/7/2014	ND	ND	ND	ND	ND	ND	26.6
S11-16	10	1/7/2014	ND	ND	ND	ND	ND	ND	8.6
S11-16	15	1/7/2014	ND	ND	ND	ND	ND	ND	12.6
S11-16	20	1/7/2014	ND	ND	ND	ND	ND	ND	ND
S11-15	5	1/7/2014	ND	ND	ND	ND	ND	ND	ND
S11-15	10	1/7/2014	ND	ND	ND	ND	ND	ND	ND
S11-15	15	1/7/2014	ND	ND	ND	ND	ND	ND	40.6
S11-15	20	1/7/2014	ND	ND	ND	ND	ND	ND	ND
S18-20	5	1/7/2014	ND	ND	ND	ND	ND	ND	ND
S18-20	10	1/7/2014	ND	ND	ND	ND	ND	ND	ND
S18-20	15	1/7/2014	ND	ND	ND	ND	ND	ND	ND
S18-20	20	1/7/2014	ND	ND	ND	ND	ND	ND	7.05
S11-13	5	1/7/2014	ND	ND	ND	ND	20.2	26.5	223
S11-13	10	1/7/2014	ND	ND	ND	ND	37.8	44.8	396
S11-13	15	1/7/2014	ND	ND	ND	ND	ND	ND	36.2
S11-13	20	1/7/2014	ND	ND	ND	ND	ND	ND	ND
S11-14	5	1/7/2014	ND	ND	ND	ND	ND	ND	10
S11-14	10	1/7/2014	ND	ND	ND	ND	ND	ND	ND
S11-14	15	1/7/2014	ND	ND	ND	ND	10.3	ND	ND
S11-14	20	1/7/2014	ND	ND	ND	ND	ND	ND	ND
S11-21	5	1/7/2014	ND	ND	ND	ND	ND	ND	31.3
S11-21	10	1/7/2014	ND	ND	ND	ND	ND	ND	18.9
S11-21	15	1/7/2014	ND	ND	ND	ND	ND	ND	89.8
S11-21	20	1/7/2014	ND	ND	ND	ND	ND	ND	ND
S11-22	5	1/7/2014	ND	ND	ND	ND	ND	15.2	60.9
S11-22	10	1/7/2014	ND	ND	ND	ND	ND	ND	29.4
S11-22	15	1/7/2014	ND	ND	ND	ND	63	76.5	304
S11-22	20	1/7/2014	ND	ND	ND	ND	ND	ND	ND
S11-23	5	1/7/2014	ND	ND	ND	ND	42	16.8	73.5
S11-23	10	1/7/2014	ND	ND	ND	ND	19.9	13.4	67
S11-23	15	1/7/2014	ND	ND	ND	ND	17.3	9.1	61.4
S11-23	20	1/7/2014	ND	ND	ND	ND	ND	ND	ND

**Table 3**  
**Clean Harbors Wichita**  
**Supplemental Phase IV RFI Investigation**  
**Mobile Lab Results (ug/kg)**

Boring ID	Depth	Date	Benzene	Toluene	Ethylbenzene	Xylene	cis-1,2-DCE	TCE	PCE
Interim Action Objective-->			168	51200	65600	809000	855	84.2	121
S11-20	5	1/7/2014	ND	ND	ND	ND	14	12.1	53.7
S11-20	10	1/7/2014	ND	ND	ND	ND	13.7	10.3	21
S11-20	15	1/7/2014	ND	ND	ND	ND	19.2	22.2	130
S11-20	20	1/7/2014	ND	ND	ND	ND	ND	5.45	ND
S11-19	5	1/8/2014	ND	ND	ND	ND	ND	ND	11.1
S11-19	10	1/8/2014	ND	ND	ND	ND	28.2	12.8	49.8
S11-19	15	1/8/2014	ND	ND	ND	ND	53.6	37.8	209
S11-19	20	1/8/2014	ND	ND	ND	ND	ND	ND	ND
S11-18	5	1/8/2014	ND	ND	ND	ND	46.2	20.3	58.1
S11-18	10	1/8/2014	ND	ND	ND	ND	16.2	8.5	29.4
S11-18	15	1/8/2014	ND	ND	ND	ND	180	41.5	150
S11-18	20	1/8/2014	ND	ND	ND	ND	ND	ND	ND
SEBJ-13	5	1/8/2014	ND	ND	ND	ND	76.5	ND	8.7
SEBJ-13	10	1/8/2014	ND	ND	ND	ND	ND	ND	ND
SEBJ-13	15	1/8/2014	ND	ND	ND	ND	33.1	12.6	54.6
SEBJ-13	20	1/8/2014	ND	ND	ND	ND	ND	ND	ND
SEBJ-12	5	1/8/2014	ND	ND	ND	ND	77	29.4	23.1
SEBJ-12	10	1/8/2014	ND	ND	ND	ND	18.9	17.9	122
SEBJ-12	15	1/8/2014	ND	ND	ND	ND	8.7	ND	17.9
SEBJ-12	20	1/8/2014	ND	ND	ND	ND	ND	ND	ND
DC-33	5	1/8/2014	ND	ND	ND	ND	ND	ND	ND
DC-33	10	1/8/2014	ND	ND	ND	ND	ND	ND	ND
DC-33	15	1/8/2014	ND	ND	ND	ND	ND	ND	ND
DC-33	20	1/8/2014	ND	ND	ND	ND	ND	ND	ND
S14-13	5	1/8/2014	ND	ND	ND	ND	ND	ND	ND
S14-13	10	1/8/2014	ND	ND	ND	ND	ND	ND	ND
S14-13	15	1/8/2014	ND	ND	ND	ND	ND	5.45	49
S14-13	20	1/8/2014	ND	ND	ND	ND	ND	ND	ND
S11-25	5	1/8/2014	ND	ND	ND	ND	ND	ND	ND
S11-25	10	1/8/2014	ND	ND	ND	ND	ND	ND	ND
S11-25	15	1/8/2014	ND	ND	ND	ND	ND	ND	ND
S11-25	20	1/8/2014	ND	ND	ND	ND	ND	ND	ND
S11-24	5	1/8/2014	ND	ND	ND	ND	ND	ND	ND
S11-24	10	1/8/2014	ND	ND	ND	ND	ND	ND	ND
S11-24	15	1/8/2014	ND	ND	ND	ND	ND	ND	ND
S11-24	20	1/8/2014	ND	ND	ND	ND	ND	ND	ND
S11-26	5	1/9/2014	ND	ND	ND	ND	ND	ND	ND
S11-26	10	1/9/2014	ND	ND	ND	ND	ND	ND	ND
S11-26	15	1/9/2014	ND	ND	ND	ND	8.7	4.8	10.7
S11-26	20	1/9/2014	ND	ND	ND	ND	ND	ND	ND
S18-21	5	1/9/2014	ND	ND	ND	ND	ND	ND	ND
S18-21	10	1/9/2014	ND	ND	ND	ND	ND	ND	ND
S18-21	15	1/9/2014	ND	ND	ND	ND	ND	ND	ND
S18-21	20	1/9/2014	ND	ND	ND	ND	ND	ND	ND
S18-22	5	1/9/2014	ND	ND	ND	ND	ND	ND	ND
S18-22	10	1/9/2014	ND	ND	ND	ND	ND	ND	ND
S18-22	15	1/9/2014	ND	ND	ND	ND	ND	ND	ND
S18-22	20	1/9/2014	ND	ND	ND	ND	ND	ND	ND
S18-23	5	1/9/2014	ND	ND	ND	ND	ND	ND	55.9
S18-23	10	1/9/2014	ND	ND	ND	ND	ND	ND	78.9
S18-23	15	1/9/2014	ND	ND	ND	ND	ND	ND	157
S18-23	20	1/9/2014	ND	ND	ND	ND	ND	ND	8660
S18-24	2	1/9/2014	ND	ND	ND	ND	ND	16.8	25.9
S18-24	5	1/9/2014	ND	ND	ND	ND	ND	ND	7.4
S18-25	2	1/9/2014	ND	ND	ND	ND	ND	ND	ND
S18-25	5	1/9/2014	ND	ND	ND	ND	ND	ND	ND
S11-28	5	1/9/2014	ND	ND	ND	ND	ND	ND	14.5
S11-28	10	1/9/2014	ND	ND	ND	ND	ND	ND	38.3
S11-28	15	1/9/2014	ND	ND	ND	ND	ND	ND	11.9
S11-28	20	1/9/2014	ND	ND	ND	ND	ND	ND	ND
S11-27	5	1/9/2014	ND	ND	ND	ND	ND	ND	ND

**Table 3**  
**Clean Harbors Wichita**  
**Supplemental Phase IV RFI Investigation**  
**Mobile Lab Results (ug/kg)**

Boring ID	Depth	Date	Benzene	Toluene	Ethylbenzene	Xylene	cis-1,2-DCE	TCE	PCE
Interim Action Objective-->			168	51200	65600	809000	855	84.2	121
S11-27	10	1/9/2014	ND	ND	ND	ND	ND	ND	ND
S11-27	15	1/9/2014	ND	ND	ND	ND	ND	ND	ND
S11-27	20	1/9/2014	ND	ND	ND	ND	ND	ND	ND
SEBJ-14	5	1/9/2014	ND	ND	ND	ND	ND	ND	75
SEBJ-14	10	1/9/2014	ND	ND	ND	ND	ND	ND	12
SEBJ-14	15	1/9/2014	ND	ND	ND	ND	ND	ND	ND
SEBJ-14	20	1/9/2014	ND	ND	ND	ND	ND	ND	116
S18-26	5	1/9/2014	ND	ND	ND	ND	ND	ND	15.5
S18-26	10	1/9/2014	ND	ND	ND	ND	ND	ND	ND
S18-26	15	1/9/2014	ND	ND	ND	ND	ND	ND	ND
S18-26	20	1/9/2014	ND	ND	ND	ND	485	ND	ND

**Notes:**

ND - Not Detected - reporting limit not specified

Values in **BOLD** exceed interim action objectives

**Table 4**  
**Oil Analytical Results for Detected Semi-Volatile Organic Compounds (8270C & 8270D) (ug/kg)**  
**Clean Harbors Wichita**

**Table 4**  
**Analytical Results for Detected Semi-Volatile Organic Compounds (8270C & 8270D) (µg/L)**  
**Clean Harbors Wichita**

Table 4  
Soil Analytical Results for Detected Semi-Volatile Organic Compounds (8270C & 8270D) (ug/kg)  
Clean Harbors Wichita

Depth Boring ID (ft.bgs.)	Sample Date	1-Methyl		2-Methyl		2-Acena		Benzo(A)		Benzo(B)		Benzo(G)		Benzo(K/F)		Bis(2-Ethylhexyl)		Butyl		Dibenz(A,H)Anthra		Dibenzofuran		Dimethyl Phthalate		Di-N-Butyl Phthalate		Fluorant Fluorene		Hexachlorobenzenes		Hexachlorobutadiene		Indeno(1,2,3-Cd)Pyrene		Isophorone		M-P-Cresol Mixture		N-Nitrosodimethylamine		Naphthalene		Phenanthrene		Phenol Pyrene	
		Methylnaphthalene	Dimethylphenol	Methylnaphthalene	Dimethylphenol	Acenaphthene	Acenaphthylene	Aniline	Anthracene	Pyrene	H, I, Perylene	Iluoranthene	Benzyl Alcohol	Phthalate	Carbazole	Chrysene	Cene	Ethylhexylbenzyl	Benzyl	Dibenzofuran	Phthalate	Di-N-Butylbenzene	Fluorant	Fluorene	Hexachlorobenzenes	Hexachlorobutadiene	Isophorone	M-P-Cresol Mixture	Naphthalene	Phenanthrene	Phenol	Pyrene															
Interim Action Objective-->		NA	29900	8340	48600	255000	NA	NA	3770000	7890	7890	23500	19200	NA	190000	NA	144000	478000	52700	805000	3080	7590	1600000	318000	2830000	297000	1240	1100	45500	NA	NA	349	NA	NA	189000	2190000											
S3-1	0.5	10/18/13	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<420	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210												
S3-1	2	10/18/13	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<410	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200												
S3-1	15.6	10/18/13	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<380	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190												
S3-2	0.5	10/18/13	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<410	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210												
S3-2	2	10/18/13	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<410	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210												
S3-2	5	10/18/13	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<390	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190	<190												
S4-1	0.5	10/15/13	<200	<200	28.4	<200	<200	<200	<200	28	75.4	75.4	59.3	91.9	52.2	40.4	200	77.6	60.7	88.2	<200	<200	41.4	135	<200	200	44.6	<200	<200	142	<200	113															
S4-1	2	10/15/13	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<410	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210													
S4-2	0.5	10/15/13	<190	<190	<190	<190	<190	<190	<190	<190	<190	26.8	26.8	32.5	62.7	32.4	<190	<190	35.7	<190	<190	<190	44.1	<190	<190	34.4	<190	<190	40	<190	39.9																
S4-2	2	10/15/13	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<420	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210	<210													
<b>Historic Soil Analytical Results</b>																																															
B-1	0.3	12/1/99	NA	<330	<330	<330	<330	<330	NA	<330	<330	<330	<330	<330	<330	<330	NA	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330									
B-11	0.3	12/1/99	NA	<330	<330	<330	<330	<330	NA	<330	<330	<330	<330	<330	<330	<330	NA	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330										
B-17	3	12/1/99	NA	<330	<330	<330	<330	<330	NA	<330	<330	<330	<330	<330	<330	<330	NA	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330										
B-43	0.3	12/1/99	NA	<330	<330	<330	<330	<330	NA	<330	<330	<330	<330	<330	<330	<330	NA	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330										
B-5	0.3	12/1/99	NA	NA	NA	<330	<330	<330	NA	<330	<330	<330	<330	<330	<330	<330	NA	<330	<330	<330</td																											

**Table 5**  
**Data Summaries for VOC Source Areas**  
**Clean Harbors Wichita**

<b>Chemical of Concern</b>	<b>Number of Samples</b>	<b>Number of Detections</b>	<b>Frequency of Detection</b>	<b>Minimum Detected (ug/Kg)</b>	<b>Maximum Detected (ug/Kg)</b>	<b>Average Detected (ug/Kg)</b>
<b><i>Building C Source Area</i></b>						
Tetrachloroethene	72	68	94%	1.7	109000	4262
Trichloroethene	72	37	51%	0.88	31700	1388
Cis-1,2-Dichloroethene	72	16	22%	0.84	3760	260
<b><i>Trailer Parking Area</i></b>						
Tetrachloroethene	19	19	100%	8.9	314	97.4
<b><i>Southwest Fence Line</i></b>						
Tetrachloroethene	17	16	94%	32.1	29500	3337
<b><i>Building D</i></b>						
Tetrachloroethene	201	187	93%	1.7	151000	5624
Trichloroethene	201	168	84%	0.67	22000	1387
1,1-Dichloroethene	134	86	64%	1.1	92.5	9.5
Cis-1,2-Dichloroethene	201	170	85%	1.0	52100	1100
Vinyl Chloride	134	6	4%	1.4	277	56
1,1-Dichloroethane	134	96	72%	0.94	494	31
1,4-Dioxane	134	20	15%	55.8	13000	1444
<b><i>West of Building B (Former Paint Pit)</i></b>						
Ethylbenzene	15	8	53%	6.7	98700	13418
Naphthalene	15	5	33%	17.6	179000	38269
1,2,4-Trimethylbenzene	15	9	60%	45.8	1230000	150930
1,3,5-Trimethylbenzene	15	9	60%	9.0	330000	40241
N-Butylbenzene	15	7	47%	8.6	102000	16605
N-Propylbenzene	15	9	60%	13.3	262000	32105
<b><i>West of Building I (Former Still Area)</i></b>						
Tetrachloroethene	24	4	17%	1.2	277000	69638
Trichloroethene	24	2	8%	1340	28200	14770
Cis-1,2-Dichloroethene	24	9	38%	2.1	57300	6765
Vinyl Chloride	24	3	13%	7.9	81.400002	39.5
Ethylbenzene	24	16	67%	3.2	881000	123633
Toluene	24	14	58%	2.6	1130000	134778
M,P-Xylenes	13	12	92%	80.4	4030000	700881
O-Xylene	13	11	85%	4.9	1090000	113374
Naphthalene	24	10	42%	3.6	4960	881
1,2,4-Trimethylbenzene	24	16	67%	7	107000	16543
1,3,5-Trimethylbenzene	24	15	63%	2.3	51300	7326
<b><i>North of Building J</i></b>						
Cis-1,2-Dichloroethene	8	7	88%	1.9	17000	2237
Vinyl Chloride	8	5	63%	1.4	2160	477
Naphthalene	8	4	50%	37	450	183
1,2,4-Trimethylbenzene	8	6	75%	1.5	3400	893
<b><i>Building J</i></b>						
Tetrachloroethene	24	19	79%	4.9	1710	173
<b><i>South of Building J</i></b>						
Tetrachloroethene	46	39	85%	8.5	1460	231
<b><i>East of Building J</i></b>						
Tetrachloroethene	22	19	86%	2.7	557	131.6
Trichloroethene	22	6	27%	6.5	200	69.8
<b><i>Northeastern Corner</i></b>						
Tetrachloroethene	31	26	84%	4.9	11000	1324
Trichloroethene	31	16	52%	1.3	590	50

**Table 6**  
**Analytical Results for Metals in Soil (mg/kg)**  
**Clean Harbors Wichita**

Boring ID	Depth	Date Sampled	Aluminum (Total)	Antimony (Total)	Arsenic (Total)	Barium (Total)	Beryllium (Total)	Boron (Total)	Cadmium (Total)	Calcium (Total)	Chromium (Total)	Cobalt (Total)	Copper (Total)	Iron (Total)	Lead (Total)	Lithium (Total)
Interim Action Objective-->			NA	817	63.2	277000	3650	NA	965	NA	111	579	81700	NA	1000	NA
<b>RFI PHASE IV RESULTS</b>																
A10-1	0.5	10/2/13	NA	NA	4.5	166	NA	NA	3.1	NA	90.8	NA	NA	NA	304	NA
A10-1	2	10/2/13	NA	NA	2.3	31.6	NA	NA	8.1	NA	22.9	NA	NA	NA	712	NA
A10-1	5	10/2/13	NA	NA	3.7	164	NA	NA	<0.46	NA	15.9	NA	NA	NA	15.8	NA
A10-1	10	10/2/13	NA	NA	2.4	64.4	NA	NA	<0.22	NA	5.5	NA	NA	NA	7.5	NA
A10-1	15	10/2/13	NA	NA	0.94	14.3	NA	NA	<0.19	NA	1.8	NA	NA	NA	2.2	NA
A10-1	19	10/2/13	NA	NA	1.0	25.6	NA	NA	<0.17	NA	2.4	NA	NA	NA	2.8	NA
A10-2	0.5	10/2/13	NA	NA	4.8	256	NA	NA	9.7	NA	197	NA	NA	NA	636	NA
A10-2	2	10/2/13	NA	NA	<7.6	191	NA	NA	3.4	NA	68	NA	NA	NA	88.9	NA
A10-2	5	10/2/13	NA	NA	5.3	151	NA	NA	<0.46	NA	22.6	NA	NA	NA	14.5	NA
A10-2	10	10/2/13	NA	NA	3.2	45.6	NA	NA	<0.23	NA	12.6	NA	NA	NA	12.4	NA
A10-2	15	10/2/13	NA	NA	3.0	85.1	NA	NA	<0.25	NA	9.8	NA	NA	NA	12.5	NA
A10-2	18	10/2/13	NA	NA	1.6	30.5	NA	NA	<0.15	NA	2.2	NA	NA	NA	3.7	NA
A10-3	2	10/3/13	NA	NA	43.2	539	NA	NA	7.3	NA	115	NA	NA	NA	911	NA
A10-3	5	10/3/13	NA	NA	9.7	283	NA	NA	3.6	NA	48.1	NA	NA	NA	290	NA
A10-3	10	10/3/13	NA	NA	6.7	213	NA	NA	<0.34	NA	12.7	NA	NA	NA	22.1	NA
A10-3	15	10/3/13	NA	NA	1.4	26.2	NA	NA	<0.18	NA	1.9	NA	NA	NA	2.4	NA
A10-3	17	10/3/13	NA	NA	1.1	44.1	NA	NA	<0.17	NA	1.3	NA	NA	NA	2.5	NA
A10-4	0.5	10/1/13	NA	NA	3.2	167	NA	NA	2.0	NA	28.6	NA	NA	NA	177	NA
A10-4	2	10/1/13	NA	NA	6.9	334	NA	NA	16.6	NA	164	NA	NA	NA	647	NA
A10-4	5	10/1/13	NA	NA	10.8	1730	NA	NA	14	NA	98	NA	NA	NA	4970	NA
A10-4	10	10/1/13	NA	NA	4.6	361	NA	NA	3.7	NA	33.2	NA	NA	NA	410	NA
A10-4	15	10/1/13	NA	NA	9.4	837	NA	NA	9.4	NA	102	NA	NA	NA	1710	NA
A10-4	17	10/1/13	NA	NA	1.6	37.6	NA	NA	<0.21	NA	2.6	NA	NA	NA	4.2	NA
A10-5	0.5	10/3/13	NA	NA	5.0	159	NA	NA	1.8	NA	39.2	NA	NA	NA	158	NA
A10-5	2	10/3/13	NA	NA	5.0	190	NA	NA	<0.36	NA	13.3	NA	NA	NA	14.9	NA
A10-5	5	10/3/13	NA	NA	3.9	121	NA	NA	<0.45	NA	17.1	NA	NA	NA	13.9	NA
A10-5	10	10/3/13	NA	NA	4.3	65.8	NA	NA	<0.41	NA	10.8	NA	NA	NA	13.9	NA
A10-5	15	10/3/13	NA	NA	1.6	20.3	NA	NA	<0.21	NA	2.8	NA	NA	NA	3.4	NA
A10-5	16	10/3/13	NA	NA	1.7	163	NA	NA	<0.19	NA	1.5	NA	NA	NA	3.5	NA
A11-1	0.5	10/15/13	NA	NA	4.0	136	NA	NA	0.92	NA	15.8	NA	NA	NA	78.3	NA
A11-1	2	10/15/13	NA	NA	3.6	90.4	NA	NA	<0.75	NA	12.6	NA	NA	NA	11	NA
BC-1	0.5	10/17/13	15800	<4.8	7.9	180	<1.2	NA	<0.97	5480	18.2	<12	20.2	17900	66.3	NA
BC-1	2	10/17/13	21600	<5.5	6.7	254	<1.4	NA	<1.1	4760	20.1	<14	14.3	21200	15.7	NA
BC-2	0.5	10/17/13	16000	<5	8.3	234	<1.3	NA	1.3	5890	20	<13	33.7	21300	128	NA
BC-2	2	10/17/13	21100	<5.1	6.0	186	<1.3	NA	<1.0	4060	19.5	<13	16.4	20000	14.3	NA
BC-3	0.5	10/17/13	16200	<4.5	6.2	194	<1.1	NA	<0.9	5520	18.2	<11	17.7	16600	45.5	NA
BC-3	2	10/17/13	16400	<4.4	4.5	133	<1.1	NA	<0.88	3710	15.8	<11	11.8	15600	13	NA
BC-4	0.5	10/17/13	15000	<4.8	5.9	174	<1.2	NA	<0.96	5740	175	<12	18.2	16600	575	NA
BC-4	2	10/17/13	17700	<5.4	6.6	167	<1.3	NA	<1.1	7560	73.7	<13	23.2	20200	237	NA
DC-1	0.5	10/16/13	10200	<1.1	3.9	89.7	0.46	NA	0.29	2370	10.5	4.3	9.5	12200	18.1	NA
DC-1	2	10/16/13	20500	<5.9	6.4	250	<1.5	NA	<1.2	3940	19.7	<15	13.8	18500	18.6	NA
DC-10	0.5	10/9/13	12000	<3.7	7.6	173	<0.93	11	<0.75	3910	13	<9.3	17.6	12800	37.8	<490
DC-10	2	10/9/13	14900	<3.6	3.8	160	<0.9	<9.8	<0.72	3180	13.8	<9.0	13.3	14100	13.9	<490
DC-11	0.5	10/9/13	11600	<3.8	6.0	184	<0.94	10.3	<0.75	4120	12.9	<9.4	17.4	11400	36.9	<500
DC-11	2	10/9/13	14600	<4.9	4.1	174	<1.2	<10	<0.98	3920	14.5	<12	12.2	13200	13.2	<500
DC-12	0.5	10/9/13	17400	<5	6.9	162	<1.3	<10	<1.0	3940	18.4	<13	17.2	17900	29.2	<510
DC-12	2	10/9/13	20800	<5.7	6.3	237	<1.4	<9.9	<1.1	3650	19.4	<14	13.3	18500	15	<490
DC-13	0.5	10/16/13	15500	<5.6	4.8	194	<1.4	NA	<1.1	29100	16.7	20.1	22.7	15200	12	NA
DC-13	2	10/16/13	21200	<5.3	5.7	274	<1.3	NA	&							

**Table 6**  
**Analytical Results for Metals in Soil (mg/kg)**  
**Clean Harbors Wichita**

Boring ID	Depth	Date Sampled	Aluminum (Total)	Antimony (Total)	Arsenic (Total)	Barium (Total)	Beryllium (Total)	Boron (Total)	Cadmium (Total)	Calcium (Total)	Chromium (Total)	Cobalt (Total)	Copper (Total)	Iron (Total)	Lead (Total)	Lithium (Total)
Interim Action Objective-->		NA	817	63.2	277000	3650	NA	965	NA	111	579	81700	NA	1000	NA	NA
DC-19	2	10/9/13	15400	<4.9	3.5	156	<1.2	NA	<0.98	3940	15.5	<12	10.3	14800	11.3	NA
DC-2	0.5	10/10/13	19400	<4.8	5.8	193	<1.2	11.7	<0.96	3730	19.6	<12	15	18000	16.4	<500
DC-2	2	10/10/13	22600	<4.7	6.0	194	<1.2	<9.6	<0.95	3160	20.3	<12	12.5	20000	14.2	<480
DC-20	0.5	10/9/13	14500	<6.1	11.7	257	<1.5	10.5	<1.2	18100	56.7	<15	44.6	27500	200	<490
DC-20	2	10/9/13	20000	<4.3	5.0	248	<1.1	<11	<0.85	3590	18.6	<11	13.3	18000	14	<530
DC-21	0.5	10/16/13	16700	<5.7	7.9	200	<1.4	NA	<1.1	6910	24.2	<14	20	18400	89.1	NA
DC-21	2	10/16/13	22600	<5.2	6.9	219	1.3	NA	<1.0	4600	21.8	<13	16.3	21100	22.1	NA
DC-22	0.5	10/16/13	6280	<3.8	6.8	86	1.2	NA	0.86	8170	11.6	<9.5	43.5	49500	59.9	NA
DC-22	2	10/16/13	23500	<5.5	6.8	260	<1.4	NA	<1.1	4580	22.2	<14	16	20800	16.8	NA
DC-23	0.5	10/16/13	120000	<5.7	8.0	156	<1.4	NA	1.3	8500	18.3	<14	19.9	18800	43.8	NA
DC-23	2	10/16/13	16100	<4.3	4.7	140	<1.1	NA	<0.85	3230	15.5	<11	10.9	14500	12.6	NA
DC-24	0.5	10/16/13	11300	<4.7	7.4	159	<1.2	NA	<0.94	3460	13.5	<12	19.5	16000	48.5	NA
DC-24	2	10/16/13	19200	<4.7	4.2	307	<1.2	NA	<0.94	3880	17.8	<12	12.1	17500	12	NA
DC-25	0.5	10/16/13	13800	<4.7	5.3	151	<1.2	NA	<0.93	3200	14.6	<12	11.5	13700	17.4	NA
DC-25	2	10/16/13	17200	<5.8	6.5	146	<1.4	NA	<1.2	4430	19.7	<14	18.2	18100	50.7	NA
DC-26	0.5	10/16/13	13100	<4.3	5.4	146	<1.1	NA	<0.85	2990	16.5	<11	14.4	14200	26.8	NA
DC-26	2	10/16/13	12100	<3.7	4.3	93.9	<0.92	NA	<0.74	2770	13.4	<9.2	12.3	13400	25.7	NA
DC-27	0.5	10/16/13	13500	<4.6	7.5	179	<1.2	NA	<0.92	3810	17.2	<12	22.6	15700	59.7	NA
DC-27	2	10/16/13	20200	<5.8	5.0	206	<1.4	NA	<1.2	4120	19.2	<14	14.2	17700	13.9	NA
DC-27	5	10/16/13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DC-28	0.5	10/16/13	16200	<5.2	5.8	172	<1.3	NA	<1.0	5600	16.5	<13	14.3	16900	21	NA
DC-28	2	10/16/13	13000	<3.8	5.3	188	<0.94	NA	<0.75	3820	14	<9.4	11	12900	15.8	NA
DC-3	0.5	10/16/13	18300	<5.6	9.6	225	<1.4	NA	<1.1	4760	20.2	<14	25.9	21600	64.9	NA
DC-3	2	10/16/13	15400	<4.7	5.6	159	<1.2	NA	<0.93	2580	14	<12	12.8	15900	12.4	NA
DC-4	0.5	10/10/13	17000	<4.5	7.5	197	<1.1	10.7	<0.89	3670	18	<11	19	17500	38.7	<500
DC-4	2	10/10/13	20000	<4.4	5.0	213	<1.1	<9.9	<0.89	3230	18.2	<11	15.2	18100	14	<500
DC-5	0.5	10/16/13	15800	<5.3	8.0	182	<1.3	NA	<1.1	3420	17.6	<13	21.3	17300	44.4	NA
DC-5	2	10/16/13	15400	<5.2	5.6	200	<1.3	NA	<1.0	2800	14.6	<13	10.3	15600	14	NA
DC-6	0.5	10/16/13	17400	<5.8	9.4	174	<1.5	NA	<1.2	3510	18.8	<15	24.3	17900	53.9	NA
DC-6	2	10/16/13	21600	<5.5	5.1	222	<1.4	NA	<1.1	3700	19.8	<14	14	19000	16.2	NA
DC-7	0.5	10/16/13	17000	<5.3	6.2	193	<1.3	NA	<1.1	4030	18.5	<13	18.4	16600	34.4	NA
DC-7	2	10/16/13	15200	<3.9	4.5	109	<0.98	NA	<0.79	2930	14.6	<9.8	10.5	13600	12.1	NA
DC-8	0.5	10/9/13	15000	<3.8	4.1	188	<0.96	<10	<0.76	4640	14.1	<9.6	11.3	14500	14.5	<510
DC-8	2	10/9/13	18300	<5.2	5.4	223	<1.3	<11	<1.0	6940	17.7	<13	17.2	17300	17.4	<540
DC-9	0.5	10/9/13	11800	<3.7	5.6	142	<0.91	10.5	<0.73	3360	11.6	<9.1	12.9	12600	21.4	<490
DC-9	2	10/9/13	13700	<4.3	3.4	168	<1.1	<10	<0.87	2910	13.2	<11	10.8	12300	12.8	<510
DC-SUMP	0.5	10/17/13	17400	<5.2	5.4	185	<1.3	NA	<1.0	5810	18.2	<13	12.3	15600	14.2	NA
DC-SUMP	2	10/17/13	15500	<4.7	4.9	192	<1.2	NA	<0.95	3390	14.7	<12	9.9	15100	12.8	NA
JC-1	0.5	10/18/13	843	<3.4	<1.7	<34	<0.86	NA	<0.69	1100	<1.7	<8.6	<4.3	1860	<3.4	NA
JC-1	2	10/18/13	983	<5.1	<2.5	<51	<1.3	NA	<1.0	<1300	<2.5	<13	<6.3	2070	<5.1	NA
JC-10	0.5	10/18/13	1000	<3.6	<1.8	<36	<0.91	NA	<0.72	1430	<1.8	<9.1	<4.5	2000	<3.6	NA
JC-10	2	10/18/13	975	<3.5	<1.8	<35	<0.89	NA	<0.71	1510	<1.8	<8.9	<4.4	1910	6.7	NA
JC-11	0.5	10/18/13	870	<4.7	<2.4	<47	<1.2	NA	<0.95	1240	<2.4	<12	<5.9	1810	<4.7	NA
JC-11	2	10/18/13	890	<3.9	<1.9	<39	<0.97	NA	<0.77	1410	<1.9	<9.7	<4.8	1760	<3.9	NA
JC-12	0.5	10/18/13	971	<3.9	<1.9	<39	<0.97	NA	<0.78	1420	<1.9	<9.7	<4.9	1960	<3.9	NA</

**Table 6**  
**Analytical Results for Metals in Soil (mg/kg)**  
**Clean Harbors Wichita**

Boring ID	Depth	Date Sampled	Aluminum (Total)	Antimony (Total)	Arsenic (Total)	Barium (Total)	Beryllium (Total)	Boron (Total)	Cadmium (Total)	Calcium (Total)	Chromium (Total)	Cobalt (Total)	Copper (Total)	Iron (Total)	Lead (Total)	Lithium (Total)	
Interim Action Objective->		NA	817	63.2	277000	3650	NA	965	NA	111	579	81700	NA	1000	NA	NA	
JC-6	2	10/18/13	779	<4.2	<2.1	<42	<1.0	NA	<0.84	1120	<2.1	<10	<5.2	1610	<4.2	NA	
JC-7	0.5	10/18/13	1250	<3.9	<1.9	<39	<0.97	NA	<0.78	1750	1.9	<9.7	<4.9	2400	<3.9	NA	
JC-7	2	10/18/13	1200	<4.9	<2.5	<49	<1.2	NA	<0.99	1650	<2.5	<12	<6.2	2350	<4.9	NA	
JC-8	0.5	10/18/13	955	<3.2	<1.6	<32	<0.81	NA	<0.64	1300	1.6	<8.1	<4	1960	<3.2	NA	
JC-8	2	10/18/13	893	<3.9	<1.9	<39	<0.97	NA	<0.77	<970	<1.9	<9.7	<4.8	1970	<3.9	NA	
JC-9	0.5	10/18/13	1090	<4.0	<2.0	<40	<1.0	NA	<0.8	1690	<2.0	<10	<5.0	2070	<4.0	NA	
JC-9	2	10/18/13	976	<3.7	<1.9	<37	<0.94	NA	<0.75	1340	<1.9	<9.4	<4.7	1880	<3.7	NA	
S10-1	0.5	10/7/13	NA	NA	5.7	181	NA	NA	<1.1	NA	19.5	NA	NA	NA	18.5	NA	
S10-1	2	10/7/13	NA	NA	5.2	222	NA	NA	<1.0	NA	16.9	NA	NA	NA	13.7	NA	
S1-1	0.5	10/8/13	NA	NA	0.56	11.7	NA	NA	<0.17	NA	1.3	NA	NA	NA	2.1	NA	
S1-1	2	10/8/13	NA	NA	6.1	184	NA	NA	0.78	NA	34.3	NA	NA	NA	59.2	NA	
S11-1	5	10/3/13	NA	NA	3.2	111	NA	NA	<0.41	2390	13	NA	NA	13300	17.4	NA	
S11-1	15	10/3/13	NA	NA	1.2	24.4	NA	NA	<0.23	3560	2.2	NA	NA	4010	3.1	NA	
S11-1A	20	10/16/13	NA	NA	0.87	10.9	NA	NA	<0.17	258	1.1	NA	NA	1910	1.7	NA	
S1-2	0.5	10/17/13	NA	NA	<2.0	<41	NA	NA	<0.82	NA	7.9	NA	NA	NA	<4.1	NA	
S1-2	2	10/17/13	NA	NA	6.8	176	NA	NA	<0.94	NA	17.7	NA	NA	NA	39.4	NA	
S13-1	0.5	10/10/13	NA	NA	3.6	139	NA	NA	<0.78	NA	16.9	NA	NA	NA	10.1	NA	
S13-1	2	10/10/13	NA	NA	3.1	108	NA	NA	0.92	NA	30	NA	NA	NA	234	NA	
S13-2	0.5	10/10/13	NA	NA	10	160	NA	NA	0.99	NA	15.6	NA	NA	NA	52.4	NA	
S13-2	2	10/10/13	NA	NA	5.3	170	NA	NA	<1.1	NA	17.6	NA	NA	NA	17.1	NA	
S13-3	0.5	10/8/13	NA	NA	2.9	85.9	NA	NA	<1.0	NA	9.7	NA	NA	NA	31.7	NA	
S13-3	2	10/8/13	NA	NA	4.0	161	NA	NA	<0.83	NA	13.9	NA	NA	NA	14.3	NA	
S13-4	0.5	10/10/13	NA	NA	7.5	159	NA	NA	1.3	NA	12.4	NA	NA	NA	192	NA	
S13-4	2	10/10/13	NA	NA	4.4	115	NA	NA	<0.85	NA	17.4	NA	NA	NA	26.8	NA	
S14-1	0.5	10/8/13	NA	NA	0.47	11.7	NA	NA	<0.17	NA	1.4	NA	NA	NA	2.4	NA	
S14-1	2	10/8/13	NA	NA	2.2	21.4	NA	NA	0.17	NA	13.3	NA	NA	NA	29.5	NA	
S14-2	0.5	10/10/13	NA	NA	5.2	112	NA	NA	<0.48	NA	14.2	NA	NA	NA	19	NA	
S14-2	2	10/10/13	NA	NA	3.3	125	NA	NA	<0.79	NA	12.1	NA	NA	NA	10.6	NA	
S14-3	0.5	10/8/13	NA	NA	3.3	104	NA	NA	0.37	NA	20	NA	NA	NA	122	NA	
S14-3	2	10/8/13	NA	NA	8.3	93.7	NA	NA	1.1	NA	8.6	NA	NA	NA	145	NA	
S14-4	0.5	10/7/13	NA	NA	3.6	82.4	NA	NA	0.29	NA	10.7	NA	NA	NA	720	NA	
S14-4	2	10/7/13	NA	NA	3.3	137	NA	NA	<0.48	NA	13.5	NA	NA	NA	12.2	NA	
S14-5	0.5	10/7/13	NA	NA	3.6	150	NA	NA	0.3	NA	10.1	NA	NA	NA	26	NA	
S14-5	2	10/7/13	NA	NA	5.1	118	NA	NA	<1.2	NA	19.4	NA	NA	NA	12.4	NA	
S17-1	2	10/7/13	NA	NA	5.9	154	NA	NA	0.48	NA	13.9	NA	NA	NA	37.6	NA	
S17-1	5	10/7/13	NA	NA	4.1	109	NA	NA	<0.49	NA	16.1	NA	NA	NA	11.5	NA	
S17-1	10	10/7/13	NA	NA	2.9	60	NA	NA	<0.23	NA	7.7	NA	NA	NA	8.5	NA	
S17-1	13	10/7/13	NA	NA	2.5	93	NA	NA	<0.2	NA	5.7	NA	NA	NA	7.0	NA	
S17-1	15	10/7/13	NA	NA	3.8	42.1	NA	NA	<0.23	NA	4.8	NA	NA	NA	6.6	NA	
S18-1	2	10/7/13	NA	NA	7.3	114	NA	NA	0.92	NA	29.5	NA	NA	NA	138	NA	
S18-1	5	10/7/13	NA	NA	2.9	110	NA	NA	<0.39	NA	10.1	NA	NA	NA	8.1	NA	
S18-1	10	10/7/13	NA	NA	2.6	69	NA	NA	<0.33	NA	7.7	NA	NA	NA	8.0	NA	
S18-1	13	10/7/13	NA	NA	2.1	107	NA	NA	<0.39	NA	7.4	NA	NA	NA	8.0	NA	
S18-1	15	10/7/13	NA	NA	3.2	136	NA	NA	<0.33	NA	8.8	NA	NA	NA	12.9	NA	
S18-4	5	10/8/13	NA	NA	2.7	102	NA	NA	<0.61	3110	10	NA	NA	NA	10400	8.7	NA
S18-4	15	10/8/13	NA	NA	0.95	35.2	NA	NA	<0.15	975	2.0	NA	NA	NA	2820	2.9	NA
S18-4	25	10/8/13	NA	NA	1.2	191	NA	NA	<0.3	1770	7.0	NA	NA	NA	9000	8.4	NA
S20-1	2	10/7/13	NA	NA	7.8	209	NA	NA	<1.1	NA	17.9	NA	NA	NA	45	NA	
S20-1	5	10/7/13	NA	NA	4.9	205	NA	NA	<1.2	NA	15.8	NA	NA	NA	13.8	NA	
S20-1	10	10/7/13	NA	NA	1.4	40.3	NA	NA	<0.18	NA	3.3	NA	NA	NA	4.2	NA	
S20-1	13	10/7/13	NA	NA	3.2	172	NA	NA	<1.1	NA	11.3	NA	NA	NA	11.5	NA	
S20-1	15	10/7/13	NA	NA	0.88	19.8	NA	NA	<0.2	NA	0.61	NA	NA	NA	2.3	NA	
S2-1	0.5	10/18/13	NA	NA	<2.2	125											

**Table 6**  
**Analytical Results for Metals in Soil (mg/kg)**  
**Clean Harbors Wichita**

Boring ID	Depth	Date Sampled	Aluminum (Total)	Antimony (Total)	Arsenic (Total)	Barium (Total)	Beryllium (Total)	Boron (Total)	Cadmium (Total)	Calcium (Total)	Chromium (Total)	Cobalt (Total)	Copper (Total)	Iron (Total)	Lead (Total)	Lithium (Total)
<b>Interim Action Objective--&gt;</b>																
S25-2	2	10/9/13	NA	NA	8.1	183	NA	NA	<0.49	NA	16.3	NA	NA	NA	51.6	NA
S3-1	0.5	10/18/13	NA	NA	10.1	197	NA	NA	<0.88	NA	16.6	NA	NA	NA	88.4	NA
S3-1	2	10/18/13	NA	NA	3.2	72.9	NA	NA	<1.1	NA	17.3	NA	NA	NA	16.8	NA
S3-2	0.5	10/18/13	NA	NA	5.9	162	NA	NA	1.2	NA	14.1	NA	NA	NA	197	NA
S3-2	2	10/18/13	NA	NA	4.8	171	NA	NA	<1.0	NA	16.6	NA	NA	NA	16.9	NA
S3-2	5	10/18/13	NA	NA	3.9	106	NA	NA	<0.8	NA	12.7	NA	NA	NA	10.4	NA
S4-1	0.5	10/15/13	NA	NA	4.6	174	NA	NA	<0.71	NA	15	NA	NA	NA	41.5	NA
S4-1	2	10/15/13	NA	NA	3.1	211	NA	NA	<0.67	NA	15.5	NA	NA	NA	11.2	NA
S4-2	0.5	10/15/13	NA	NA	4.3	124	NA	NA	<0.62	NA	13.9	NA	NA	NA	28.4	NA
S4-2	2	10/15/13	NA	NA	3.9	190	NA	NA	<0.98	NA	18.4	NA	NA	NA	12.3	NA
T6-2	5	10/17/13	NA	NA	3.9	119	NA	NA	<1.0	3120	16	NA	NA	15400	10	NA
T6-2	15	10/17/13	NA	NA	4.9	111	NA	NA	<1.0	2720	10.1	NA	NA	13800	11.9	NA
T6-2	20	10/17/13	NA	NA	6.0	48.4	NA	NA	<0.89	5010	22	NA	NA	21800	14.7	NA
<b>Supplemental RFI Phase IV Results</b>																
A10-6	2	12/18/13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1710	NA
A10-6	5	12/18/13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	13.8	NA
A10-6	10	12/18/13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.7	NA
A10-6	15	12/18/13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.8	NA
A10-6	20	12/18/13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.2	NA
A10-7	2	12/18/13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	13.2	NA
A10-7	5	12/18/13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	24.8	NA
A10-7	10	12/18/13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.8	NA
A10-7	15	12/18/13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.7	NA
A10-7	20	12/18/13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.1	NA
BC-5	5	12/18/13	NA	<1.2	5.0	110	0.96	NA	<0.58	NA	19.7	6.8	12	NA	9.5	NA
BC-5	10	12/18/13	NA	<1	2.7	69.3	0.26	NA	<0.51	NA	6.0	3.6	5.4	NA	5.6	NA
BC-5	15	12/18/13	NA	<0.87	2.1	114	0.39	NA	<0.44	NA	8.9	4.0	7.7	NA	5.7	NA
BC-5	20	12/18/13	NA	<1.1	<1.1	19.5	<0.11	NA	<0.54	NA	1.3	1.1	1.2	NA	1.2	NA
<b>Historic Soil Analytical Results</b>																
B-1	0.3	12/1/99	NA	NA	<30	221	NA	NA	<0.5	NA	25.7	NA	NA	NA	17.1	NA
B-2	0.3	12/2/99	NA	NA	<30	198	NA	NA	<0.5	NA	19.8	NA	NA	NA	15.7	NA
B-3	3	12/2/99	NA	NA	<30	207	NA	NA	<0.5	NA	20.2	NA	NA	NA	12.3	NA
B-4	0.3	12/1/99	NA	NA	<30	171	NA	NA	0.63	NA	24.9	NA	NA	NA	101	NA
B-4	16	12/1/99	NA	NA	<30	<20	NA	NA	<0.5	NA	2.4	NA	NA	NA	<10	NA
B-5	0.3	12/1/99	NA	NA	<30	180	NA	NA	<0.5	NA	21.2	NA	NA	NA	15.1	NA
B-6	0.3	12/1/99	NA	NA	<30	155	NA	NA	<0.5	NA	21.7	NA	NA	NA	13.9	NA
B-7	0.3	12/1/99	NA	NA	<30	158	NA	NA	<0.5	NA	22.8	NA	NA	NA	10	NA
B-8	0.3	12/1/99	NA	NA	<30	238	NA	NA	<0.5	NA	24.9	NA	NA	NA	31	NA
B-9	0.3	12/2/99	NA	NA	<30	192	NA	NA	<0.5	NA	22.4	NA	NA	NA	25.1	NA
B-10	0.3	12/2/99	NA	NA	<30	223	NA	NA	<0.5	NA	19.6	NA	NA	NA	13.7	NA
B-11	0.3	12/1/99	NA	NA	<30	189	NA	NA	<0.5	NA	20.7	NA	NA	NA	66.9	NA
B-12	3	12/2/99	NA	NA	<30	234	NA	NA	<0.5	NA	25.1	NA	NA	NA	12.8	NA
B-13	3	12/2/99	NA	NA	<30	181	NA	NA	<0.5	NA	19	NA	NA	NA	15.5	NA
B-14	0.3	12/1/99	NA	NA	<30	143	NA	NA	<0.5	NA	23.3	NA	NA	NA	11.6	NA
B-15	3	12/1/99	NA	NA	<30	115	NA	NA	<0.5	NA	20.4	NA	NA	NA	11.5	NA
B-16	3	12/1/99	NA	NA	<30	166	NA	NA	<0.5	NA	20.1	NA	NA	NA	1560	NA
B-17	3	12/1/99	NA	NA	<60	95	NA	NA	<1.0	NA	20.3	NA	NA	NA	146	NA
B-18	3	12/2/99	NA	NA	<30	181	NA	NA	<0.5	NA	21	NA	NA	NA	10.5	NA
B-19	3	12/2/99	NA	NA	<30	219	NA	NA	<0.5	NA	20.8	NA	NA	NA	68.4	NA
B-20	3	12/2/99	NA	NA	<30	152	NA	NA	<0.5	NA	18.9	NA	NA	NA	10.7	NA
B-21	3	12/2/99	NA	NA	<30	154	NA	NA	<0.5	NA	15.1	NA	NA	NA	12.9	NA
B-22	3	12/2/99	NA	NA	<30	157	NA	NA	<0.5	NA	20.1	NA	NA	NA	10.2	NA
B-23	3	12/2/99	NA	NA	<30	202	NA	NA	<0.5	NA	21.3	NA	NA	NA	46.6	NA
B-24	3	11/30/99	NA	NA	49.2	44.1	NA	NA	46.8	NA	33.7	NA	NA	NA	392	NA
B-24	6	11/30/99														

**Table 6**  
**Analytical Results for Metals in Soil (mg/kg)**  
**Clean Harbors Wichita**

Boring ID	Depth	Date Sampled	Aluminum (Total)	Antimony (Total)	Arsenic (Total)	Barium (Total)	Beryllium (Total)	Boron (Total)	Cadmium (Total)	Calcium (Total)	Chromium (Total)	Cobalt (Total)	Copper (Total)	Iron (Total)	Lead (Total)	Lithium (Total)
Interim Action Objective-->			NA	817	63.2	277000	3650	NA	965	NA	111	579	81700	NA	1000	NA
B-31	5	11/30/99	NA	NA	<30	305	NA	NA	<0.5	NA	17.4	NA	NA	NA	20.9	NA
B-32	3	11/30/99	NA	NA	<30	189	NA	NA	<0.5	NA	21.1	NA	NA	NA	15	NA
B-33	3	11/30/99	NA	NA	<30	319	NA	NA	<0.5	NA	21.4	NA	NA	NA	20.3	NA
B-34	3	11/30/99	NA	NA	<30	191	NA	NA	<0.5	NA	21.6	NA	NA	NA	12.2	NA
B-35	6	12/2/99	NA	NA	<30	67.9	NA	NA	<0.5	NA	11.8	NA	NA	NA	296	NA
B-36	3	12/2/99	NA	NA	<30	163	NA	NA	<0.5	NA	18.7	NA	NA	NA	<10	NA
B-37	3	12/2/99	NA	NA	<30	172	NA	NA	<0.5	NA	22.8	NA	NA	NA	15.6	NA
B-38	3	12/2/99	NA	NA	<30	98.4	NA	NA	<0.5	NA	10.3	NA	NA	NA	25.8	NA
B-39	0.3	12/1/99	NA	NA	<30	86.5	NA	NA	0.69	NA	17	NA	NA	NA	19.8	NA
B-40	0.3	12/1/99	NA	NA	<60	344	NA	NA	3.3	NA	91.7	NA	NA	NA	7800	NA
B-41	0.3	12/1/99	NA	NA	<30	369	NA	NA	1.6	NA	60.4	NA	NA	NA	320	NA
B-42	0.3	12/1/99	NA	NA	<30	185	NA	NA	<0.5	NA	19.7	NA	NA	NA	16.6	NA
B-43	0.3	12/1/99	NA	NA	<30	202	NA	NA	<0.5	NA	24.5	NA	NA	NA	15	NA
B-44	11	11/30/99	NA	NA	<30	38.4	NA	NA	<0.5	NA	12	NA	NA	NA	<10	NA
B-54	4	11/7/01	NA	NA	39.6	511	NA	NA	4.3	NA	207	NA	NA	NA	549	NA
B-54	17	11/7/01	NA	NA	2.9	67.3	NA	NA	0.72	NA	22.1	NA	NA	NA	44.2	NA
B-60	1	11/9/01	NA	NA	1.9	30.2	NA	NA	34.8	NA	3.3	NA	NA	NA	466	NA
B-60	3	11/9/01	NA	NA	7.2	272	NA	NA	<0.5	NA	20.4	NA	NA	NA	10.6	NA
B-60	16	11/9/01	NA	NA	1.1	19.8	NA	NA	<0.5	NA	2.0	NA	NA	NA	2.3	NA
B-61	0.5	11/7/01	NA	NA	10.1	310	NA	NA	4.6	NA	65.8	NA	NA	NA	542	NA
B-61	4	11/7/01	NA	NA	6.1	347	NA	NA	6.7	NA	33.6	NA	NA	NA	219	NA
B-61	18	11/7/01	NA	NA	1.2	15.4	NA	NA	<0.5	NA	1.1	NA	NA	NA	1.8	NA
B-62	0.5	11/7/01	NA	NA	6.8	456	NA	NA	21.8	NA	47.2	NA	NA	NA	142	NA
B-62	5	11/7/01	NA	NA	5.4	201	NA	NA	<0.5	NA	28.8	NA	NA	NA	12.3	NA
B-62	17	11/7/01	NA	NA	2.2	43.2	NA	NA	<0.5	NA	11.8	NA	NA	NA	8.0	NA
B-63	0.5	11/12/01	NA	NA	11	226	NA	NA	2.4	NA	51	NA	NA	NA	1020	NA
B-63	11	11/12/01	NA	NA	4.1	178	NA	NA	<0.5	NA	19.8	NA	NA	NA	69.3	NA
B-63	19	11/12/01	NA	NA	1.5	22.5	NA	NA	<0.5	NA	1.6	NA	NA	NA	2.3	NA
B-64	0.5	11/8/01	NA	NA	12.4	59.8	NA	NA	3.2	NA	17.3	NA	NA	NA	170	NA
B-64	3	11/8/01	NA	NA	9.4	126	NA	NA	<0.5	NA	18.8	NA	NA	NA	10.8	NA
B-64	16	11/8/01	NA	NA	1.5	52.5	NA	NA	<0.5	NA	3.9	NA	NA	NA	2.7	NA
B-65	0.5	11/8/01	NA	NA	11.8	109	NA	NA	5.0	NA	13.6	NA	NA	NA	308	NA
B-65	3	11/8/01	NA	NA	5.5	180	NA	NA	1.5	NA	21.3	NA	NA	NA	39.8	NA
B-65	16	11/8/01	NA	NA	1.7	34.2	NA	NA	<0.5	NA	4.5	NA	NA	NA	3.3	NA
B-66	0.5	11/8/01	NA	NA	92.3	143	NA	NA	<0.5	NA	31	NA	NA	NA	156	NA
B-66	3	11/8/01	NA	NA	5.7	155	NA	NA	1.5	NA	15.4	NA	NA	NA	69.3	NA
B-66	16	11/8/01	NA	NA	1.5	37.9	NA	NA	<0.5	NA	4.2	NA	NA	NA	3.3	NA
B-67	0.5	11/8/01	NA	NA	15	93.8	NA	NA	4.0	NA	17.4	NA	NA	NA	49.5	NA
B-67	3	11/8/01	NA	NA	11.2	115	NA	NA	3.8	NA	15	NA	NA	NA	299	NA
B-67	16	11/8/01	NA	NA	2.1	55.6	NA	NA	<0.5	NA	11.9	NA	NA	NA	6.1	NA
B-68	4	11/12/01	NA	NA	5.5	165	NA	NA	<0.5	NA	21.3	NA	NA	NA	10.4	NA
B-68	16	11/12/01	NA	NA	<1.0	18.6	NA	NA	<0.5	NA	3.1	NA	NA	NA	2.2	NA
B-69	3	11/12/01	NA	NA	5.5	190	NA	NA	<0.5	NA	23	NA	NA	NA	11.3	NA
B-69	15	11/12/01	NA	NA	2.2	34.5	NA	NA	<0.5	NA	7.5	NA	NA	NA	4.6	NA
B-70	0.5	11/7/01	NA	NA	8.4	168	NA	NA	3.0	NA	44.7	NA	NA	NA	105	NA
B-70	8	11/7/01	NA	NA	4.9	192	NA	NA	<0.5	NA	18.6	NA	NA	NA	26.3	NA
B-70	18	11/7/01	NA	NA	<1.0	16.6	NA	NA	<0.5	NA	1.4	NA	NA	NA	1.5	NA

**Data Summary:**

Number of Analyses	95	99	276	276	99	24	276	102	276	99	99	102	286	24
Number of Detections	95	0	198	248	7	7	53	98	256	8	73	102	258	0
Frequency of Detection	100%	0%	72%	90%	7%	29%	19%	96%	93%	8%	74%	100%	90%	0%
Minimum Detected Conc.	779	0	0.47	10.9	0.26	10.3	0.17	258	0.61	1.1	1.2	1610	1.2	0.0
Average Detected Conc.	11931	NA	6.0	163	0.74	11	5.6	3986	22	6.9	15	12775	139	NA
Maximum Detected Conc.	23500	0	92.3</											

**Table 6**  
**Analytical Results for Metals in Soil (mg/kg)**  
**Clean Harbors Wichita**

Boring ID	Depth	Date Sampled	Magnesium (Total)	Manganese (Total)	Mercury (Total)	Molybdenum (Total)	Nickel (Total)	Potassium (Total)	Selenium (Total)	Silver (Total)	Sodium (Total)	Strontium (Total)	Thallium (Total)	Tin (Total)	Titanium	Vanadium (Total)	Zinc (Total)
Interim Action Objective-->			NA	66200	20	NA	32400	NA	10200	10200	NA	NA	NA	NA	NA	NA	613000
<b>RFI PHASE IV RESULTS</b>																	
A10-1	0.5	10/2/13	NA	NA	0.64	NA	NA	NA	<3.7	<1.8	NA	NA	NA	NA	NA	NA	NA
A10-1	2	10/2/13	NA	NA	0.42	NA	NA	NA	0.71	<0.35	NA	NA	NA	NA	NA	NA	NA
A10-1	5	10/2/13	NA	NA	<0.051	NA	NA	NA	<2.3	<1.2	NA	NA	NA	NA	NA	NA	NA
A10-1	10	10/2/13	NA	NA	<0.049	NA	NA	NA	<1.1	<0.56	NA	NA	NA	NA	NA	NA	NA
A10-1	15	10/2/13	NA	NA	<0.04	NA	NA	NA	<0.97	<0.49	NA	NA	NA	NA	NA	NA	NA
A10-1	19	10/2/13	NA	NA	<0.044	NA	NA	NA	<0.86	<0.43	NA	NA	NA	NA	NA	NA	NA
A10-2	0.5	10/2/13	NA	NA	0.38	NA	NA	NA	<3.6	<1.8	NA	NA	NA	NA	NA	NA	NA
A10-2	2	10/2/13	NA	NA	0.15	NA	NA	NA	<15	<7.6	NA	NA	NA	NA	NA	NA	NA
A10-2	5	10/2/13	NA	NA	<0.055	NA	NA	NA	<2.3	<1.1	NA	NA	NA	NA	NA	NA	NA
A10-2	10	10/2/13	NA	NA	<0.05	NA	NA	NA	<1.1	<0.56	NA	NA	NA	NA	NA	NA	NA
A10-2	15	10/2/13	NA	NA	<0.048	NA	NA	NA	<1.3	<0.64	NA	NA	NA	NA	NA	NA	NA
A10-2	18	10/2/13	NA	NA	<0.045	NA	NA	NA	<0.74	<0.37	NA	NA	NA	NA	NA	NA	NA
A10-3	2	10/3/13	NA	NA	0.73	NA	NA	NA	<5.1	<2.5	NA	NA	NA	NA	NA	NA	NA
A10-3	5	10/3/13	NA	NA	0.79	NA	NA	NA	<1.9	<0.94	NA	NA	NA	NA	NA	NA	NA
A10-3	10	10/3/13	NA	NA	<0.046	NA	NA	NA	<1.7	<0.85	NA	NA	NA	NA	NA	NA	NA
A10-3	15	10/3/13	NA	NA	<0.041	NA	NA	NA	<0.91	<0.46	NA	NA	NA	NA	NA	NA	NA
A10-3	17	10/3/13	NA	NA	<0.041	NA	NA	NA	<0.87	<0.43	NA	NA	NA	NA	NA	NA	NA
A10-4	0.5	10/1/13	NA	NA	0.094	NA	NA	NA	<0.89	<0.45	NA	NA	NA	NA	NA	NA	NA
A10-4	2	10/1/13	NA	NA	3.5	NA	NA	NA	<3.9	<1.9	NA	NA	NA	NA	NA	NA	NA
A10-4	5	10/1/13	NA	NA	0.79	NA	NA	NA	<3.0	1.8	NA	NA	NA	NA	NA	NA	NA
A10-4	10	10/1/13	NA	NA	0.10	NA	NA	NA	<5.1	<2.6	NA	NA	NA	NA	NA	NA	NA
A10-4	15	10/1/13	NA	NA	0.47	NA	NA	NA	<4.8	3.1	NA	NA	NA	NA	NA	NA	NA
A10-4	17	10/1/13	NA	NA	0.062	NA	NA	NA	<1.1	<0.53	NA	NA	NA	NA	NA	NA	NA
A10-5	0.5	10/3/13	NA	NA	0.11	NA	NA	NA	<2.0	<0.5	NA	NA	NA	NA	NA	NA	NA
A10-5	2	10/3/13	NA	NA	<0.045	NA	NA	NA	<1.8	<0.91	NA	NA	NA	NA	NA	NA	NA
A10-5	5	10/3/13	NA	NA	<0.045	NA	NA	NA	<2.2	<1.1	NA	NA	NA	NA	NA	NA	NA
A10-5	10	10/3/13	NA	NA	<0.046	NA	NA	NA	<2.1	<1.0	NA	NA	NA	NA	NA	NA	NA
A10-5	15	10/3/13	NA	NA	<0.043	NA	NA	NA	<1.1	<0.53	NA	NA	NA	NA	NA	NA	NA
A10-5	16	10/3/13	NA	NA	<0.04	NA	NA	NA	<0.97	<0.48	NA	NA	NA	NA	NA	NA	NA
A11-1	0.5	10/15/13	NA	NA	0.11	NA	NA	NA	<4.2	<2.1	NA	NA	NA	NA	NA	NA	NA
A11-1	2	10/15/13	NA	NA	<0.049	NA	NA	NA	<3.8	<1.9	NA	NA	NA	NA	NA	NA	NA
BC-1	0.5	10/17/13	4280	404	0.055	<12	21.2	3370	<4.8	<2.4	<2400	60.1	<2.4	<12	102	29.3	151
BC-1	2	10/17/13	5660	262	<0.044	<14	18.6	3240	<5.5	<2.8	<2800	63.0	<2.8	<14	112	39.6	47.6
BC-2	0.5	10/17/13	4180	396	0.072	<13	25.4	3580	<5.0	<2.5	<2500	75.7	<2.5	<13	118	28.2	399
BC-2	2	10/17/13	5270	342	<0.046	<13	18.9	3490	<5.1	<2.5	<2500	58.6	<2.5	<13	72.2	34.2	48.8
BC-3	0.5	10/17/13	3860	396	0.044	<11	16.6	3150	<4.5	<2.3	<2300	51.5	<2.3	<11	112	29.3	114
BC-3	2	10/17/13	4260	261	<0.045	<11	15.5	2400	<4.4	<2.2	<2200	51.6	<2.2	<11	62.7	24.5	40.4
BC-4	0.5	10/17/13	3620	349	0.044	<12	16.9	2990	<4.8	<2.4	<2400	61.2	<2.4	13	149	27.5	160
BC-4	2	10/17/13	4350	421	<0.045	<13	20.7	3440	<5.4	<2.7	<2700	64.7	<2.7	<13	143	31.9	153
DC-1	0.5	10/16/13	2520	202	<0.046	<2.9	10.2	1900	1.1	<0.57	<570	36.7	<1.1	<2.9	160	22.3	44.2
DC-1	2	10/16/13	4490	397	<0.049	<15	16.8	3530	<5.9	<3.0	<3000	69.9	<3.0	<15	163	37.2	47.2
DC-10	0.5	10/9/13	3480	177	<0.05	<9.3	16.6	2670	<3.7	<1.9	<1900	51.6	<1.9	<9.3	58.0	23.1	97.7
DC-10	2	10/9/13	3540	221	<0.049	<9.0	12.5	2290	<3.6	<1.8	<1800	48.4	<1.8	<9.0	64.6	26.3	34.8
DC-11	0.5	10/9/13	3610	143	<0.047	<9.4	19.1	2480	<3.8	<1.9	<1900	62.0	<1.9	<9.4	61.6	23.2	91.5
DC-11	2	10/9/13	3860	269	<0.049	<12	15.7	<2400	<4.9	<2.4	<2400	58.9	<2.4	<12	58.7	25.5	35.2
DC-12	0.5	10/9/13	4390	503	<0.046	<13	21.9	3680	<5.0	<2.5	<2500	58.5	<2.5	<13	119	32.4	91.2
DC-12	2	10/9/13	4500	311	<0.046	<14	16.5	3250	<5.7</td								

**Table 6**  
**Analytical Results for Metals in Soil (mg/kg)**  
**Clean Harbors Wichita**

Boring ID	Depth	Date Sampled	Magnesium (Total)	Manganese (Total)	Mercury (Total)	Molybdenum (Total)	Nickel (Total)	Potassium (Total)	Selenium (Total)	Silver (Total)	Sodium (Total)	Strontium (Total)	Thallium (Total)	Tin (Total)	Titanium	Vanadium (Total)	Zinc (Total)
Interim Action Objective->		NA	66200	20	NA	32400	NA	10200	10200	NA	NA	NA	NA	NA	NA	NA	613000
DC-19	2	10/9/13	3480	323	<0.049	<12	13.1	<2500	<4.9	<2.5	<2500	50.4	<2.5	<12	81.4	23.0	35
DC-2	0.5	10/10/13	4710	178	<0.05	<12	17.8	3660	<4.8	<2.4	<2400	59.1	<2.4	<12	142	33.9	52.4
DC-2	2	10/10/13	4910	216	<0.049	<12	17.2	3390	<4.7	<2.4	<2400	53.0	<2.4	<12	156	36.4	45.9
DC-20	0.5	10/9/13	3390	1390	<0.047	<15	29.6	<3000	<6.1	<3.0	<3000	109	<3.0	<15	224	32.0	207
DC-20	2	10/9/13	4610	181	<0.048	<11	15.7	3160	<4.3	<2.1	<2100	58.9	<2.1	<11	64.2	30.0	43.9
DC-21	0.5	10/16/13	4010	438	<0.049	<14	20.5	3040	<5.7	<2.8	<2800	62.8	<2.8	<14	122	30.0	147
DC-21	2	10/16/13	4920	335	<0.044	<13	19.7	3700	<5.2	<2.6	<2600	59.5	<2.6	<13	127	33.9	94.5
DC-22	0.5	10/16/13	<950	260	0.056	<9.5	41.7	<1900	5.8	<1.9	<1900	92.5	<1.9	<9.5	239	14.9	141
DC-22	2	10/16/13	5210	552	<0.047	<14	21.9	3790	<5.5	<2.7	<2700	65.6	<2.7	<14	135	37.8	51.8
DC-23	0.5	10/16/13	2820	928	<0.048	<14	17.0	<2800	<5.7	<2.8	<2800	66.8	<2.8	<14	147	24.6	224
DC-23	2	10/16/13	3610	338	<0.038	<11	13.6	2650	<4.3	<2.1	<2100	44.8	<2.1	<11	94.7	26.8	39.5
DC-24	0.5	10/16/13	2870	348	<0.046	<12	19.8	2460	<4.7	<2.3	<2300	44.5	<2.3	<12	108	25.2	128
DC-24	2	10/16/13	4520	268	<0.046	<12	17.0	2940	<4.7	<2.3	<2300	65.3	<2.3	<12	66.3	26.4	42.9
DC-25	0.5	10/16/13	3620	312	<0.04	<12	15.2	2810	<4.7	<2.3	<2300	42.9	<2.3	<12	109	24.9	48.8
DC-25	2	10/16/13	3660	370	<0.047	<14	19.3	3170	<5.8	<2.9	<2900	50	<2.9	<14	134	31.3	119
DC-26	0.5	10/16/13	3220	272	<0.037	<11	17.1	2760	<4.3	<2.1	<2100	50.3	<2.1	<11	102	22.1	75.4
DC-26	2	10/16/13	3280	213	<0.039	<9.2	15.7	2440	<3.7	<1.8	<1800	46.5	<1.8	<9.2	77.9	18.5	115
DC-27	0.5	10/16/13	3390	259	0.048	<12	21.7	2840	<4.6	<2.3	<2300	56.2	<2.3	<12	120	27	139
DC-27	2	10/16/13	4400	364	<0.051	<14	17.2	3530	<5.8	<2.9	<2900	61.3	<2.9	<14	129	34.5	43.9
DC-27	5	10/16/13	NA	NA	<0.045	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DC-28	0.5	10/16/13	3990	389	<0.046	<13	18.0	3370	<5.2	<2.6	<2600	73.9	<2.6	<13	119	30.1	85.7
DC-28	2	10/16/13	3420	375	<0.037	<9.4	14.3	2700	<3.8	<1.9	<1900	57	<1.9	<9.4	85.0	24.5	41.1
DC-3	0.5	10/16/13	4590	225	0.054	<14	25.1	3820	<5.6	<2.8	<2800	74.8	<2.8	<14	170	35.2	160
DC-3	2	10/16/13	3480	212	<0.04	<12	12.5	2400	<4.7	<2.3	<2300	41.7	<2.3	<12	86.6	24.5	34.4
DC-4	0.5	10/10/13	3900	246	<0.047	<11	23.2	3630	<4.5	<2.2	<2200	70.2	<2.2	<11	150	31.1	110
DC-4	2	10/10/13	4190	295	<0.05	<11	17.5	3250	<4.4	<2.2	<2200	56.1	<2.2	<11	73.1	29.7	44.6
DC-5	0.5	10/16/13	4020	395	<0.048	<13	23.4	3290	<5.3	<2.6	<2600	57.0	<2.6	<13	116	29.7	125
DC-5	2	10/16/13	3540	358	<0.046	<13	14.5	<2600	<5.2	<2.6	<2600	48.6	<2.6	<13	79.6	23.7	36.2
DC-6	0.5	10/16/13	4480	159	<0.048	<15	22.0	3620	<5.8	<2.9	<2900	56.5	<2.9	<15	155	31.6	141
DC-6	2	10/16/13	4770	346	<0.048	<14	17.6	3340	<5.5	<2.8	<2800	58.7	<2.8	<14	131	33	46.7
DC-7	0.5	10/16/13	4410	289	<0.05	<13	20.2	3400	<5.3	<2.6	<2600	55.8	<2.6	<13	137	26.2	102
DC-7	2	10/16/13	3410	342	<0.038	<9.8	13.7	2380	<3.9	<2.0	<2000	44.0	<2.0	<9.8	80.2	24.1	34
DC-8	0.5	10/9/13	3950	216	<0.048	<9.6	14.8	2230	<3.8	<1.9	<1900	54.2	<1.9	<9.6	72.5	29.7	33.9
DC-8	2	10/9/13	4550	367	<0.054	<13	18.4	2930	<5.2	<2.6	<2600	78.4	<2.6	<13	102	32.2	61.1
DC-9	0.5	10/9/13	2930	185	<0.047	<9.1	14	2390	<3.7	<1.8	<1800	50.2	<1.8	<9.1	63.3	22.7	52.5
DC-9	2	10/9/13	3060	273	<0.05	<11	13.5	<2200	<4.3	<2.2	<2200	47.5	<2.2	<11	88.2	23.5	33.2
DC-SUMP	0.5	10/17/13	3870	364	<0.05	<13	16.2	3050	<5.2	<2.6	<2600	74.8	<2.6	<13	94.8	26.3	40.8
DC-SUMP	2	10/17/13	4150	280	<0.044	<12	15.4	<2400	<4.7	<2.4	<2400	54.9	<2.4	<12	74.1	24	36.3
JC-1	0.5	10/18/13	<860	22.5	<0.039	<8.6	<6.9	<1700	<3.4	<1.7	<1700	5.7	<1.7	<8.6	31.8	<8.6	6.0
JC-1	2	10/18/13	<1300	22.1	<0.037	<13	<10	<2500	<5.1	<2.5	<2500	7.1	<2.5	<13	39.3	<13	6.5
JC-10	0.5	10/18/13	<910	39.6	<0.041	<9.1	<7.2	<1800	<3.6</td								

**Table 6**  
**Analytical Results for Metals in Soil (mg/kg)**  
**Clean Harbors Wichita**

Boring ID	Depth	Date Sampled	Magnesium (Total)	Manganese (Total)	Mercury (Total)	Molybdenum (Total)	Nickel (Total)	Potassium (Total)	Selenium (Total)	Silver (Total)	Sodium (Total)	Strontium (Total)	Thallium (Total)	Tin (Total)	Titanium (Total)	Vanadium (Total)	Zinc (Total)
Interim Action Objective-->			NA	66200	20	NA	32400	NA	10200	10200	NA	NA	NA	NA	NA	NA	613000
JC-6	2	10/18/13	<1000	35.2	<0.038	<10	<8.4	<2100	<4.2	<2.1	<2100	7.5	<2.1	<10	44.8	<10	8.5
JC-7	0.5	10/18/13	<970	49.4	<0.039	<9.7	<7.8	<1900	<3.9	<1.9	<1900	12.9	<1.9	<9.7	46.1	<9.7	11.5
JC-7	2	10/18/13	<1200	52.6	<0.039	<12	<9.9	<2500	<4.9	<2.5	<2500	10.9	<2.5	<12	54.7	<12	10.9
JC-8	0.5	10/18/13	<810	42.5	<0.038	<8.1	<6.4	<1600	<3.2	<1.6	<1600	8.6	<1.6	<8.1	38.2	<8.1	8.4
JC-8	2	10/18/13	<970	45.8	<0.04	<9.7	<7.7	<1900	<3.9	<1.9	<1900	6.7	<1.9	<9.7	46.6	<9.7	8.2
JC-9	0.5	10/18/13	<1000	44.7	<0.04	<10	<8.0	<2000	<4.0	<2.0	<2000	10.2	<2.0	<10	48.1	<10	15.3
JC-9	2	10/18/13	<940	39.5	<0.04	<9.4	<7.5	<1900	<3.7	<1.9	<1900	8.3	<1.9	<9.4	43.3	<9.4	11.4
S10-1	0.5	10/7/13	NA	NA	<0.049	NA	NA	NA	<5.3	<2.7	NA	NA	NA	NA	NA	NA	NA
S10-1	2	10/7/13	NA	NA	<0.048	NA	NA	NA	<5.0	<2.5	NA	NA	NA	NA	NA	NA	NA
S1-1	0.5	10/8/13	NA	NA	<0.04	NA	NA	NA	<0.83	<0.41	NA	NA	NA	NA	NA	NA	NA
S1-1	2	10/8/13	NA	NA	<0.049	NA	NA	NA	<3.8	<1.9	NA	NA	NA	NA	NA	NA	NA
S11-1	5	10/3/13	2790	75.0	<0.049	NA	NA	2300	<2.1	<1.0	<1000	NA	NA	NA	NA	NA	NA
S11-1	15	10/3/13	640	106	<0.046	NA	NA	<580	<1.2	<0.58	<580	NA	NA	NA	NA	NA	NA
S11-1A	20	10/16/13	<220	19.1	<0.042	NA	NA	<430	<0.86	<0.43	<430	NA	NA	NA	NA	NA	NA
S1-2	0.5	10/17/13	NA	NA	<0.045	NA	NA	NA	<4.1	<2.0	NA	NA	NA	NA	NA	NA	NA
S1-2	2	10/17/13	NA	NA	<0.049	NA	NA	NA	<4.7	<2.4	NA	NA	NA	NA	NA	NA	NA
S13-1	0.5	10/10/13	NA	NA	<0.046	NA	NA	NA	<3.9	<1.9	NA	NA	NA	NA	NA	NA	NA
S13-1	2	10/10/13	NA	NA	<0.045	NA	NA	NA	<1.1	<0.55	NA	NA	NA	NA	NA	NA	NA
S13-2	0.5	10/10/13	NA	NA	0.066	NA	NA	NA	<4.4	<2.2	NA	NA	NA	NA	NA	NA	NA
S13-2	2	10/10/13	NA	NA	<0.046	NA	NA	NA	<5.4	<2.7	NA	NA	NA	NA	NA	NA	NA
S13-3	0.5	10/8/13	NA	NA	<0.048	NA	NA	NA	<5.1	<0.51	NA	NA	NA	NA	NA	NA	NA
S13-3	2	10/8/13	NA	NA	<0.047	NA	NA	NA	<4.2	<2.1	NA	NA	NA	NA	NA	NA	NA
S13-4	0.5	10/10/13	NA	NA	0.06	NA	NA	NA	<1.9	<0.95	NA	NA	NA	NA	NA	NA	NA
S13-4	2	10/10/13	NA	NA	<0.048	NA	NA	NA	<4.3	<2.1	NA	NA	NA	NA	NA	NA	NA
S14-1	0.5	10/8/13	NA	NA	<0.045	NA	NA	NA	<0.84	<0.42	NA	NA	NA	NA	NA	NA	NA
S14-1	2	10/8/13	NA	NA	<0.041	NA	NA	NA	<0.65	<0.33	NA	NA	NA	NA	NA	NA	NA
S14-2	0.5	10/10/13	NA	NA	0.066	NA	NA	NA	<2.4	<1.2	NA	NA	NA	NA	NA	NA	NA
S14-2	2	10/10/13	NA	NA	<0.049	NA	NA	NA	<4.0	<2.0	NA	NA	NA	NA	NA	NA	NA
S14-3	0.5	10/8/13	NA	NA	0.086	NA	NA	NA	<0.80	<0.4	NA	NA	NA	NA	NA	NA	NA
S14-3	2	10/8/13	NA	NA	0.072	NA	NA	NA	1.2	<0.55	NA	NA	NA	NA	NA	NA	NA
S14-4	0.5	10/7/13	NA	NA	<0.044	NA	NA	NA	<1.2	<0.58	NA	NA	NA	NA	NA	NA	NA
S14-4	2	10/7/13	NA	NA	<0.048	NA	NA	NA	<2.4	<1.2	NA	NA	NA	NA	NA	NA	NA
S14-5	0.5	10/7/13	NA	NA	<0.043	NA	NA	NA	<1.1	<0.54	NA	NA	NA	NA	NA	NA	NA
S14-5	2	10/7/13	NA	NA	<0.048	NA	NA	NA	<5.9	<3.0	NA	NA	NA	NA	NA	NA	NA
S17-1	2	10/7/13	NA	NA	0.046	NA	NA	NA	<1.9	<0.93	NA	NA	NA	NA	NA	NA	NA
S17-1	5	10/7/13	NA	NA	<0.048	NA	NA	NA	<2.4	<1.2	NA	NA	NA	NA	NA	NA	NA
S17-1	10	10/7/13	NA	NA	<0.049	NA	NA	NA	<1.1	<0.57	NA	NA	NA	NA	NA	NA	NA
S17-1	13	10/7/13	NA	NA	<0.049	NA	NA	NA	<1.0	<0.5	NA	NA	NA	NA	NA	NA	NA
S17-1	15	10/7/13	NA	NA	<0.048	NA	NA	NA	<1.1	<0.57	NA	NA	NA	NA	NA	NA	NA
S18-1	2	10/7/13	NA	NA	0.061	NA	NA	NA	<0.66	<0.33	NA	NA	NA	NA	NA	NA	NA
S18-1	5	10/7/13	NA	NA	<0.047	NA	NA	NA	<2.0	<0.99	NA	NA	NA	NA	NA	NA	NA
S18-1	10	10/7/13	NA	NA	<0.046	NA	NA	NA	<1.7	<0.83	NA	NA	NA	NA	NA	NA	NA
S18-1	13	10/7/13	NA	NA	<0.047	NA	NA	NA	<2.0	<0.98	NA	NA	NA	NA	NA	NA	NA
S18-1	15	10/7/13	NA	NA	<0.047	NA	NA	NA	<1.6	<0.82	NA	NA	NA	NA	NA	NA	NA
S18-4	5	10/8/13	2480	155	<0.045	NA	NA	1610	<3.1	<1.5	<1500	NA	NA	NA	NA	NA	NA
S18-4	15	10/8/13	598	38.3	<0.044	NA	NA	<380	<0.76	<0.38	<380	NA	NA	NA	NA	NA	NA
S18-4	25	10/8/13	2020	103	<0.044	NA	NA	1300	<1.5	<0.74	<740	NA	NA	NA	NA	NA	NA
S20-1	2	10/7/13	NA	NA	<0.046	NA	NA	NA	<5.6	<2.8	NA	NA	NA	NA	NA	NA	NA
S20-1	5	10/7/13	NA	NA	<0.047	NA	NA	NA									

**Table 6**  
**Analytical Results for Metals in Soil (mg/kg)**  
**Clean Harbors Wichita**

Boring ID	Depth	Date Sampled	Magnesium (Total)	Manganese (Total)	Mercury (Total)	Molybdenum (Total)	Nickel (Total)	Potassium (Total)	Selenium (Total)	Silver (Total)	Sodium (Total)	Strontium (Total)	Thallium (Total)	Tin (Total)	Titanium	Vanadium (Total)	Zinc (Total)
<b>Interim Action Objective--&gt;</b>																	
S25-2	2	10/9/13	NA	NA	<0.049	NA	NA	NA	<2.5	<1.2	NA	NA	NA	NA	NA	NA	NA
S3-1	0.5	10/18/13	NA	NA	2.0	NA	NA	NA	<4.4	<2.2	NA	NA	NA	NA	NA	NA	NA
S3-1	2	10/18/13	NA	NA	0.2	NA	NA	NA	<5.6	<2.8	NA	NA	NA	NA	NA	NA	NA
S3-2	0.5	10/18/13	NA	NA	0.081	NA	NA	NA	<4.3	<2.2	NA	NA	NA	NA	NA	NA	NA
S3-2	2	10/18/13	NA	NA	<0.049	NA	NA	NA	<5.2	<2.6	NA	NA	NA	NA	NA	NA	NA
S3-2	5	10/18/13	NA	NA	<0.044	NA	NA	NA	<4.0	<2.0	NA	NA	NA	NA	NA	NA	NA
S4-1	0.5	10/15/13	NA	NA	<0.049	NA	NA	NA	<3.5	<1.8	NA	NA	NA	NA	NA	NA	NA
S4-1	2	10/15/13	NA	NA	<0.048	NA	NA	NA	<3.3	<1.7	NA	NA	NA	NA	NA	NA	NA
S4-2	0.5	10/15/13	NA	NA	<0.045	NA	NA	NA	<3.1	<1.5	NA	NA	NA	NA	NA	NA	NA
S4-2	2	10/15/13	NA	NA	<0.049	NA	NA	NA	<4.9	<2.5	NA	NA	NA	NA	NA	NA	NA
T6-2	5	10/17/13	3960	120	<0.047	NA	NA	NA	2580	<5.0	<2.5	<2500	NA	NA	NA	NA	NA
T6-2	15	10/17/13	2740	680	<0.05	NA	NA	NA	<2600	<5.2	<2.6	<2600	NA	NA	NA	NA	NA
T6-2	20	10/17/13	7400	122	<0.05	NA	NA	NA	3910	<4.5	<2.2	<2200	NA	NA	NA	NA	NA
<b>Supplemental RFI Phase IV Result</b>																	
A10-6	2	12/18/13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
A10-6	5	12/18/13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
A10-6	10	12/18/13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
A10-6	15	12/18/13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
A10-6	20	12/18/13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
A10-7	2	12/18/13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
A10-7	5	12/18/13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
A10-7	10	12/18/13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
A10-7	15	12/18/13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
A10-7	20	12/18/13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BC-5	5	12/18/13	NA	NA	NA	<2.3	15.6	NA	<1.8	<0.82	NA	NA	<2.3	NA	NA	30.2	39.8
BC-5	10	12/18/13	NA	NA	NA	<2.0	7.7	NA	<1.5	<0.72	NA	NA	<2.0	NA	NA	19.9	21.3
BC-5	15	12/18/13	NA	NA	NA	<1.7	8.2	NA	<1.3	<0.61	NA	NA	<1.7	NA	NA	18.8	28.8
BC-5	20	12/18/13	NA	NA	NA	<2.2	1.7	NA	<1.6	<0.76	NA	NA	<2.2	NA	NA	3.5	<10.8
<b>Historic Soil Analytical Results</b>																	
B-1	0.3	12/1/99	NA	NA	<0.10	NA	NA	NA	<25	<1.0	NA	NA	NA	NA	NA	NA	NA
B-2	0.3	12/2/99	NA	NA	<0.10	NA	NA	NA	<25	<1.0	NA	NA	NA	NA	NA	NA	NA
B-3	3	12/2/99	NA	NA	<0.10	NA	NA	NA	<25	<1.0	NA	NA	NA	NA	NA	NA	NA
B-4	0.3	12/1/99	NA	NA	<0.10	NA	NA	NA	<25	<1.0	NA	NA	NA	NA	NA	NA	NA
B-4	16	12/1/99	NA	NA	<0.10	NA	NA	NA	<25	<1.0	NA	NA	NA	NA	NA	NA	NA
B-5	0.3	12/1/99	NA	NA	<0.10	NA	NA	NA	<25	<1.0	NA	NA	NA	NA	NA	NA	NA
B-6	0.3	12/1/99	NA	NA	<0.10	NA	NA	NA	<25	<1.0	NA	NA	NA	NA	NA	NA	NA
B-7	0.3	12/1/99	NA	NA	<0.10	NA	NA	NA	<25	<1.0	NA	NA	NA	NA	NA	NA	NA
B-8	0.3	12/1/99	NA	NA	<0.10	NA	NA	NA	<25	1.0	NA	NA	NA	NA	NA	NA	NA
B-9	0.3	12/2/99	NA	NA	<0.10	NA	NA	NA	<25	<1.0	NA	NA	NA	NA	NA	NA	NA
B-10	0.3	12/2/99	NA	NA	<0.10	NA	NA	NA	<25	<1.0	NA	NA	NA	NA	NA	NA	NA
B-11	0.3	12/1/99	NA	NA	<0.10	NA	NA	NA	<25	<1.0	NA	NA	NA	NA	NA	NA	NA
B-12	3	12/2/99	NA	NA	<0.10	NA	NA	NA	<25	<1.0	NA	NA	NA	NA	NA	NA	NA
B-13	3	12/2/99	NA	NA	<0.10	NA	NA	NA	<25	<1.0	NA	NA	NA	NA	NA	NA	NA
B-14	0.3	12/1/99	NA	NA	<0.10	NA	NA	NA	<25	<1.0	NA	NA	NA	NA	NA	NA	NA
B-15	3	12/1/99	NA	NA	<0.10	NA	NA	NA	<25	<1.0	NA	NA	NA	NA	NA	NA	NA
B-16	3	12/1/99	NA	NA	<0.10	NA	NA	NA	<25	<1.0	NA	NA	NA	NA	NA	NA	NA
B-17	3	12/1/99	NA	NA	<0.10	NA	NA	NA	<50	2.4	NA	NA	NA	NA	NA	NA	NA
B-18	3	12/2/99	NA	NA	<0.10	NA	NA	NA	<25	<1.0	NA	NA	NA	NA	NA	NA	NA
B-19	3	12/2/99	NA	NA	<0.10	NA	NA	NA	<25	<1.0	NA	NA	NA	NA	NA	NA	NA
B-20	3	12/2/99	NA	NA	<0.10	NA	NA	NA	<25	<1.0	NA	NA	NA	NA	NA	NA	NA
B-21	3	12/2/99	NA	NA	<0.10	NA	NA	NA	<25	<1.0	NA	NA	NA	NA	NA	NA	NA
B-22	3	12/2/99	NA	NA	<0.10	NA	NA	NA	<25	<1.0	NA	NA	NA	NA			

**Table 6**  
**Analytical Results for Metals in Soil (mg/kg)**  
**Clean Harbors Wichita**

Boring ID	Depth	Date Sampled	Magnesium (Total)	Manganese (Total)	Mercury (Total)	Molybdenum (Total)	Nickel (Total)	Potassium (Total)	Selenium (Total)	Silver (Total)	Sodium (Total)	Strontium (Total)	Thallium (Total)	Tin (Total)	Titanium	Vanadium (Total)	Zinc (Total)
<b>Interim Action Objective--&gt;</b>																	
B-31	5	11/30/99	NA	NA	<0.10	NA	NA	NA	<25	1.1	NA	NA	NA	NA	NA	NA	NA
B-32	3	11/30/99	NA	NA	<0.10	NA	NA	NA	<25	1.0	NA	NA	NA	NA	NA	NA	NA
B-33	3	11/30/99	NA	NA	<0.10	NA	NA	NA	<25	1.1	NA	NA	NA	NA	NA	NA	NA
B-34	3	11/30/99	NA	NA	<0.10	NA	NA	NA	<25	<1.0	NA	NA	NA	NA	NA	NA	NA
B-35	6	12/2/99	NA	NA	<0.10	NA	NA	NA	<25	<1.0	NA	NA	NA	NA	NA	NA	NA
B-36	3	12/2/99	NA	NA	<0.10	NA	NA	NA	<25	<1.0	NA	NA	NA	NA	NA	NA	NA
B-37	3	12/2/99	NA	NA	<0.10	NA	NA	NA	<25	<1.0	NA	NA	NA	NA	NA	NA	NA
B-38	3	12/2/99	NA	NA	<0.10	NA	NA	NA	<25	<1.0	NA	NA	NA	NA	NA	NA	NA
B-39	0.3	12/1/99	NA	NA	<0.10	NA	NA	NA	<25	<1.0	NA	NA	NA	NA	NA	NA	NA
B-40	0.3	12/1/99	NA	NA	0.23	NA	NA	NA	<50	3.0	NA	NA	NA	NA	NA	NA	NA
B-41	0.3	12/1/99	NA	NA	0.16	NA	NA	NA	<25	1.4	NA	NA	NA	NA	NA	NA	NA
B-42	0.3	12/1/99	NA	NA	<0.10	NA	NA	NA	<25	<1.0	NA	NA	NA	NA	NA	NA	NA
B-43	0.3	12/1/99	NA	NA	<0.10	NA	NA	NA	<25	1.0	NA	NA	NA	NA	NA	NA	NA
B-44	11	11/30/99	NA	NA	0.40	NA	NA	NA	<25	<1.0	NA	NA	NA	NA	NA	NA	NA
B-54	4	11/7/01	NA	NA	0.11	NA	NA	NA	<1.3	3.1	NA	NA	NA	NA	NA	NA	NA
B-54	17	11/7/01	NA	NA	<0.033	NA	NA	NA	<1.3	<1.0	NA	NA	NA	NA	NA	NA	NA
B-60	1	11/9/01	NA	NA	<0.033	NA	NA	NA	<1.3	<1.0	NA	NA	NA	NA	NA	NA	NA
B-60	3	11/9/01	NA	NA	<0.033	NA	NA	NA	<1.3	<1.0	NA	NA	NA	NA	NA	NA	NA
B-60	16	11/9/01	NA	NA	<0.033	NA	NA	NA	<1.3	<1.0	NA	NA	NA	NA	NA	NA	NA
B-61	0.5	11/7/01	NA	NA	0.12	NA	NA	NA	<1.3	<1.0	NA	NA	NA	NA	NA	NA	NA
B-61	4	11/7/01	NA	NA	0.41	NA	NA	NA	<1.3	<1.0	NA	NA	NA	NA	NA	NA	NA
B-61	18	11/7/01	NA	NA	<0.033	NA	NA	NA	<1.3	<1.0	NA	NA	NA	NA	NA	NA	NA
B-62	0.5	11/7/01	NA	NA	0.046	NA	NA	NA	<1.3	<1.0	NA	NA	NA	NA	NA	NA	NA
B-62	5	11/7/01	NA	NA	<0.033	NA	NA	NA	<1.3	<1.0	NA	NA	NA	NA	NA	NA	NA
B-62	17	11/7/01	NA	NA	<0.033	NA	NA	NA	<1.3	<1.0	NA	NA	NA	NA	NA	NA	NA
B-63	0.5	11/12/01	NA	NA	<0.033	NA	NA	NA	<1.3	<1.0	NA	NA	NA	NA	NA	NA	NA
B-63	11	11/12/01	NA	NA	<0.033	NA	NA	NA	<1.3	<1.0	NA	NA	NA	NA	NA	NA	NA
B-63	19	11/12/01	NA	NA	<0.033	NA	NA	NA	<1.3	<1.0	NA	NA	NA	NA	NA	NA	NA
B-64	0.5	11/8/01	NA	NA	0.16	NA	NA	NA	2.8	<1.0	NA	NA	NA	NA	NA	NA	NA
B-64	3	11/8/01	NA	NA	<0.033	NA	NA	NA	<1.3	<1.0	NA	NA	NA	NA	NA	NA	NA
B-64	16	11/8/01	NA	NA	<0.033	NA	NA	NA	<1.3	<1.0	NA	NA	NA	NA	NA	NA	NA
B-65	0.5	11/8/01	NA	NA	0.18	NA	NA	NA	2.7	<1.0	NA	NA	NA	NA	NA	NA	NA
B-65	3	11/8/01	NA	NA	<0.033	NA	NA	NA	<1.3	<1.0	NA	NA	NA	NA	NA	NA	NA
B-65	16	11/8/01	NA	NA	<0.033	NA	NA	NA	<1.3	<1.0	NA	NA	NA	NA	NA	NA	NA
B-66	0.5	11/8/01	NA	NA	0.12	NA	NA	NA	5.6	<1.0	NA	NA	NA	NA	NA	NA	NA
B-66	3	11/8/01	NA	NA	<0.033	NA	NA	NA	<1.3	<1.0	NA	NA	NA	NA	NA	NA	NA
B-66	16	11/8/01	NA	NA	<0.033	NA	NA	NA	<1.3	<1.0	NA	NA	NA	NA	NA	NA	NA
B-67	0.5	11/8/01	NA	NA	0.053	NA	NA	NA	4.9	<1.0	NA	NA	NA	NA	NA	NA	NA
B-67	3	11/8/01	NA	NA	<0.033	NA	NA	NA	1.9	<1.0	NA	NA	NA	NA	NA	NA	NA
B-67	16	11/8/01	NA	NA	<0.033	NA	NA	NA	<1.3	<1.0	NA	NA	NA	NA	NA	NA	NA
B-68	4	11/12/01	NA	NA	<0.033	NA	NA	NA	<1.3	<1.0	NA	NA	NA	NA	NA	NA	NA
B-68	16	11/12/01	NA	NA	<0.033	NA	NA	NA	<1.3	<1.0	NA	NA	NA	NA	NA	NA	NA
B-69	3	11/12/01	NA	NA	<0.033	NA	NA	NA	<1.3	<1.0	NA	NA	NA	NA	NA	NA	NA
B-69	15	11/12/01	NA	NA	<0.033	NA	NA	NA	<1.3	<1.0	NA	NA	NA	NA	NA	NA	NA
B-70	0.5	11/7/01	NA	NA	0.31	NA	NA	NA	<1.3	<1.0	NA	NA	NA	NA	NA	NA	NA
B-70	8	11/7/01	NA	NA	0.035	NA	NA	NA	<1.3	<1.0	NA	NA	NA	NA	NA	NA	NA
B-70	18	11/7/01	NA	NA	<0.033	NA	NA	NA	<1.3	<1.0	NA	NA	NA	NA	NA	NA	NA

**Data Summary:**

Number of Analyses	104	104	274	99	99	102	276	276	103	95	99	95	95	99	99	
Number of Detections	76	104	51	0	71	60	10	12	0	95	0	1.0	95	74	98	
Frequency of Detection	73%	100%	19%	0%	72%	59%	4%	4%	0%	100%	0%	1%</				

## **FIGURES**

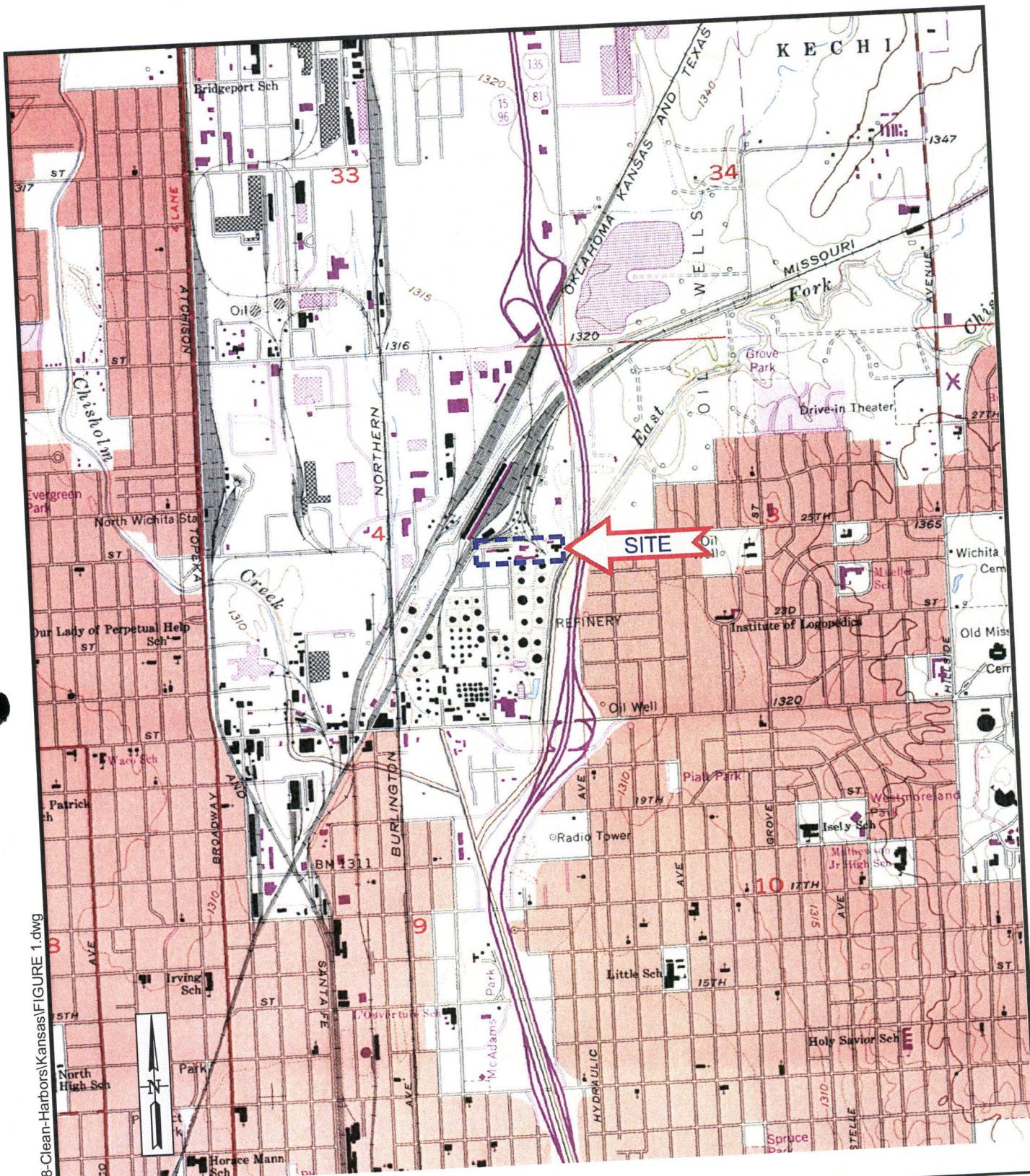


FIGURE 1

0 2000  
FEET

KANSAS  
SITE  
MAP ADAPTED FROM U.S.G.S 7.5' SERIES  
QUADRANGLE WICHITA EAST, KANSAS

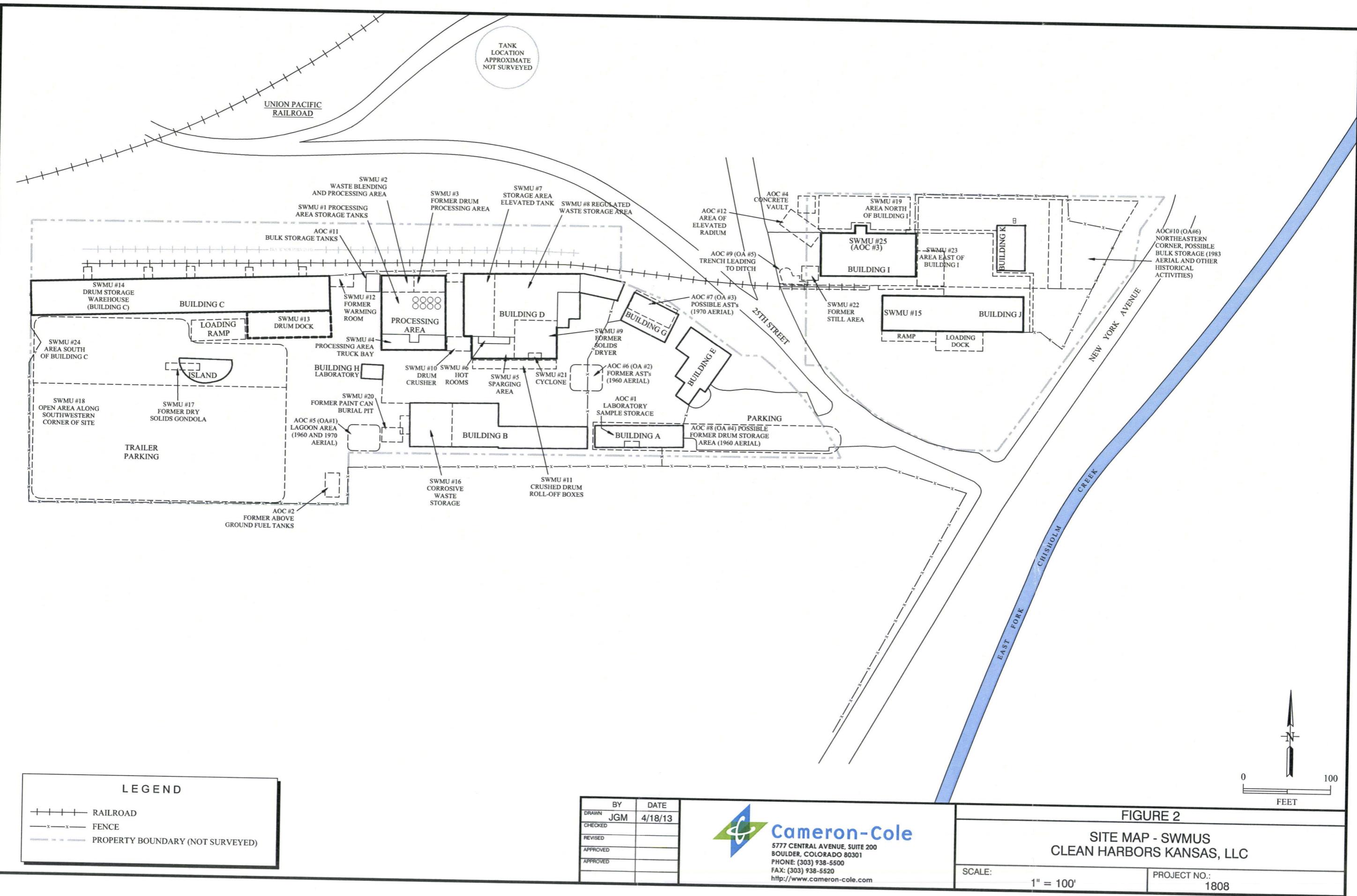


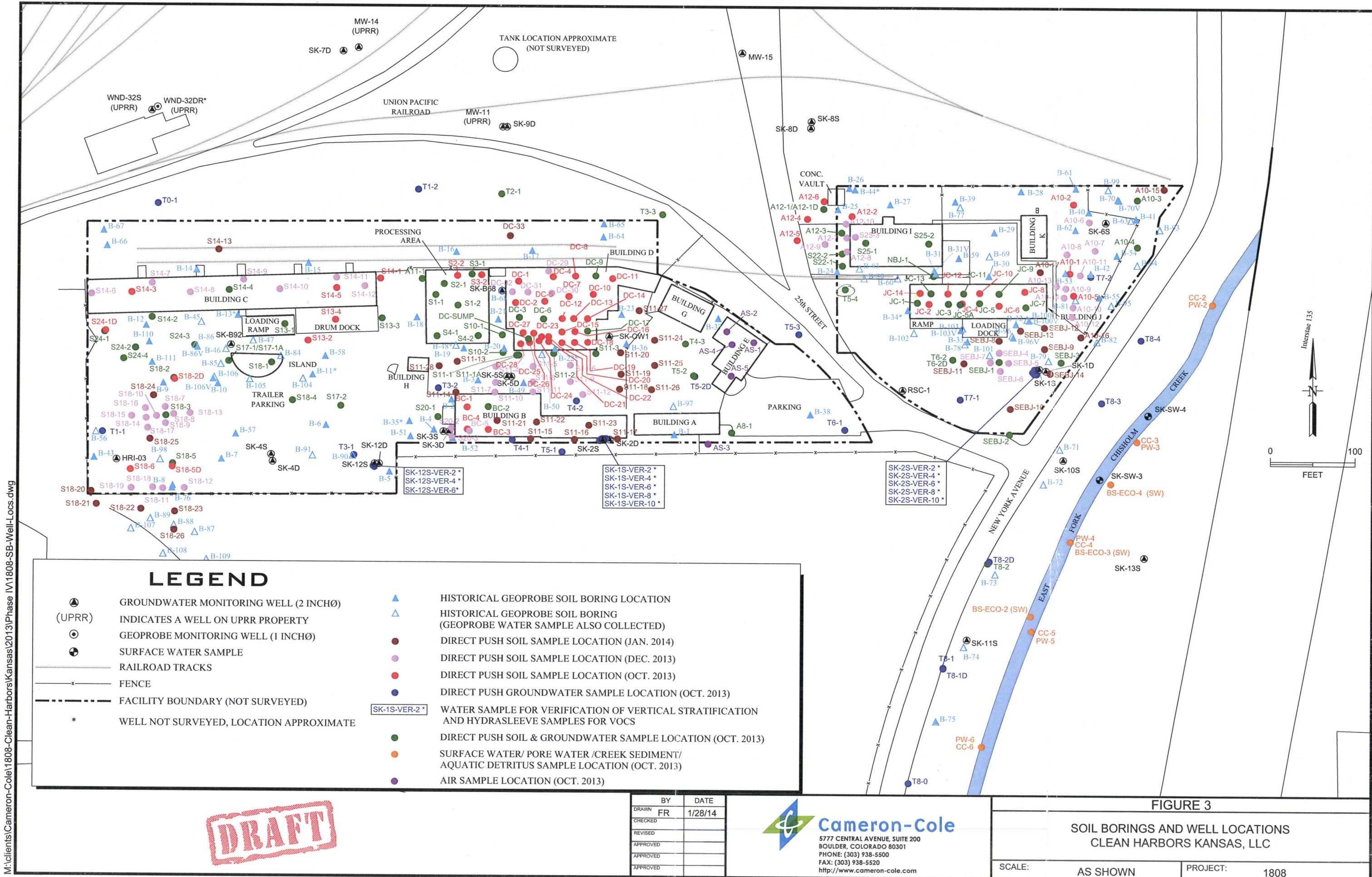
Cameron-Cole

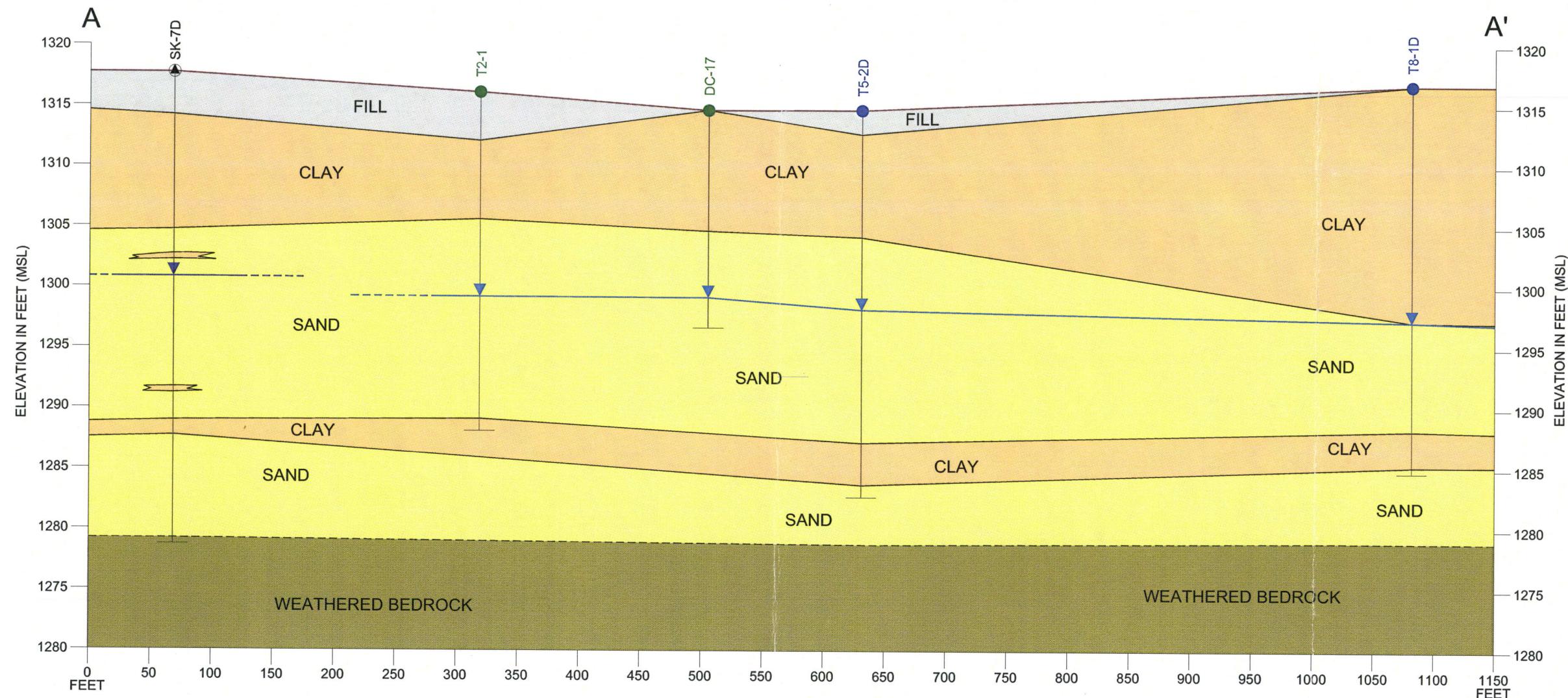
5777 CENTRAL AVENUE, SUITE 200  
BOULDER, COLORADO 80301  
PHONE: (303) 938-5500  
FAX: (303) 938-5520  
<http://www.cameron-cole.com>

SITE LOCATION MAP  
CLEAN HARBORS, KANSAS, LLC

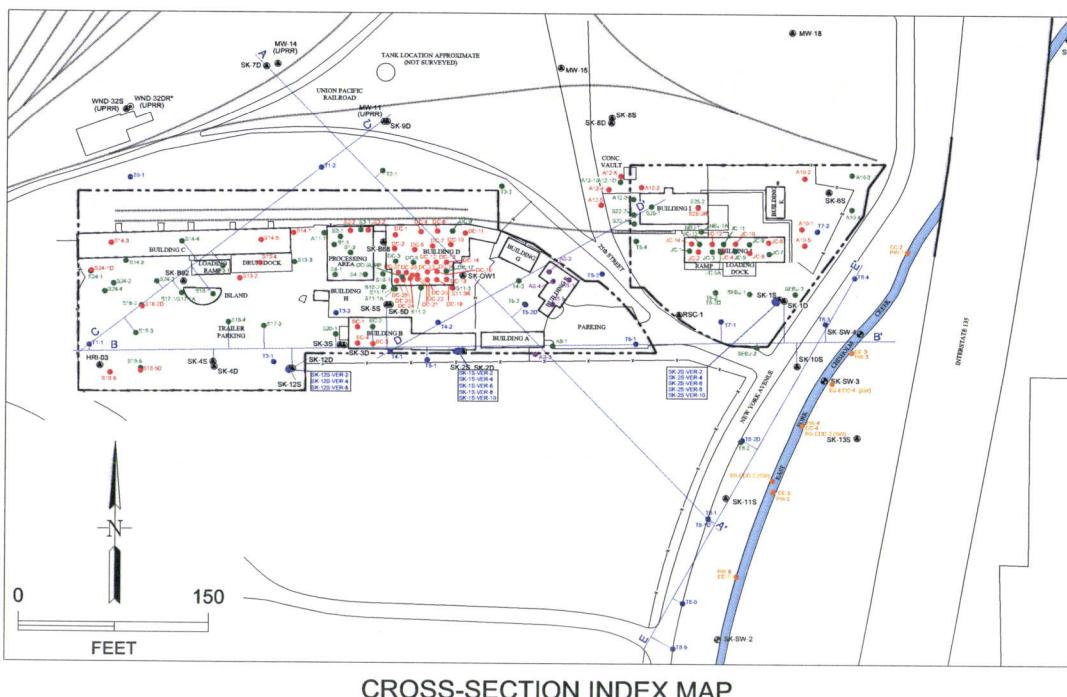
SCALE: 1" = 2000' DATE: 7/22/09 PROJECT NO. 1808







VERTICAL EXAGGERATION 10X



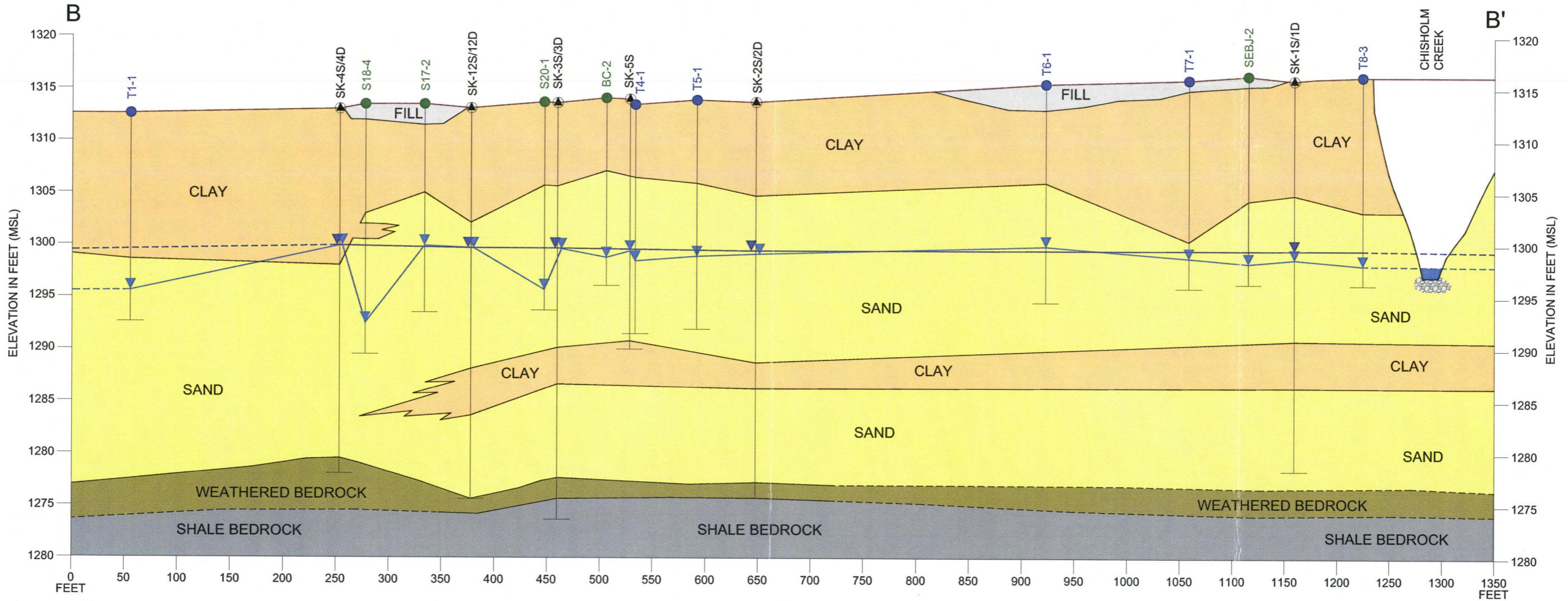
## LEGEND

- |  |   |  |  |
|--|---|--|--|
|  | Groundwater Monitoring Well (2 Inch Ø)  |  | FILL - artificial fill, natural fill, mixed fill, concrete |
|  | Direct Push Soil Sample Location (Oct. 2013)  |  | SAND -sand, poorly graded sand, silty sand, gravelly sand  |
|  | Direct Push Groundwater Sample Location (Oct. 2013)                                       |  | CLAY - clay, silty clay, clayey silt, sandy clay           |
|  | Direct Push Soil & Groundwater Sample Location (Oct. 2013)                                |  | WEATHERED BEDROCK - clay, highly weathered shale           |
|  | Surface Water/ Pore Water/Creek Sediment/<br>Aquatic Detritus Sample Location (Oct. 2013) |  | BEDROCK - Wellington Shale                                 |
|  | Air Sample Location (Oct. 2013)   |  |  |
|  | Water Table Upper Zone<br>(Elevations Obtained Oct. 2013)                                 |  |  |
|  | Water Table Lower Zone<br>(Elevations Obtained Oct. 2013)                                 |  |  |

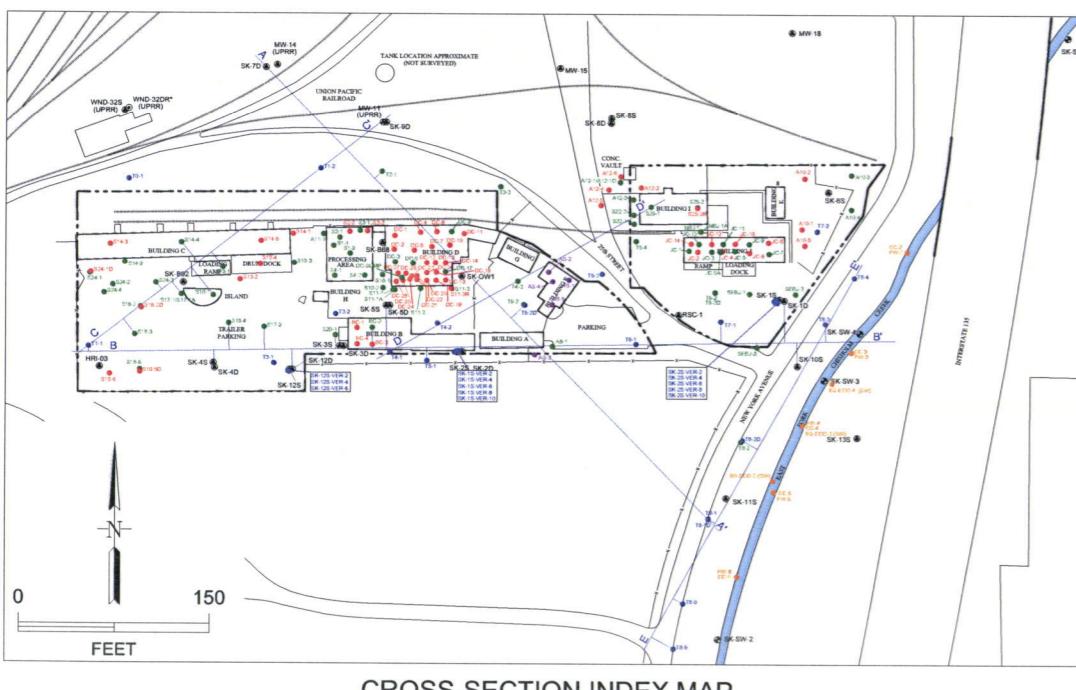
BY	DATE
DRAWN	JGM
11/15/	
CHECKED	
REvised	
APPROVED	
APPROVED	
APPROVED	

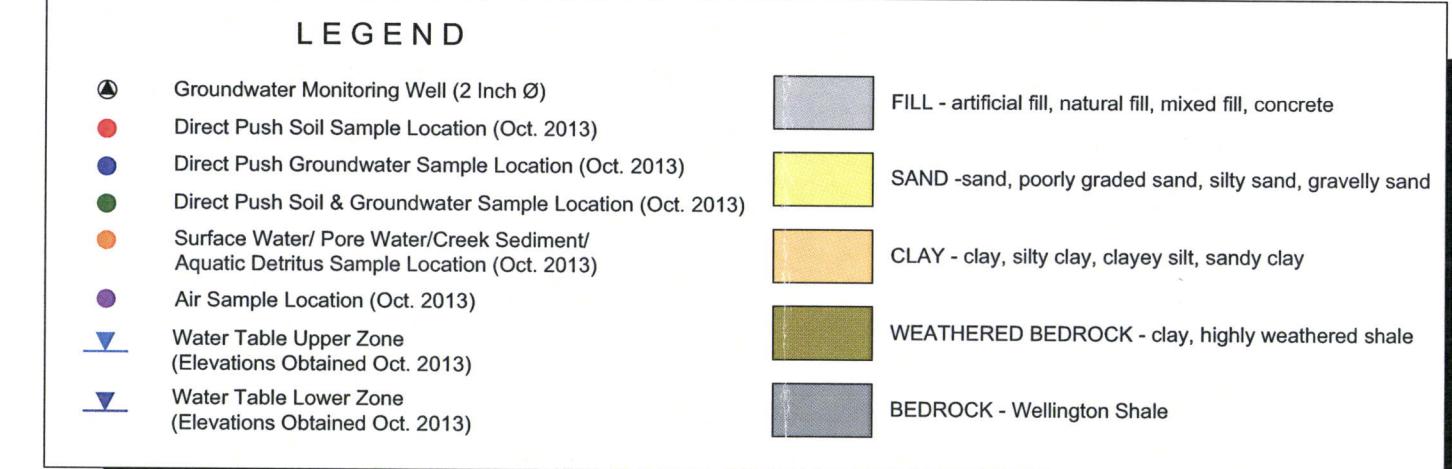
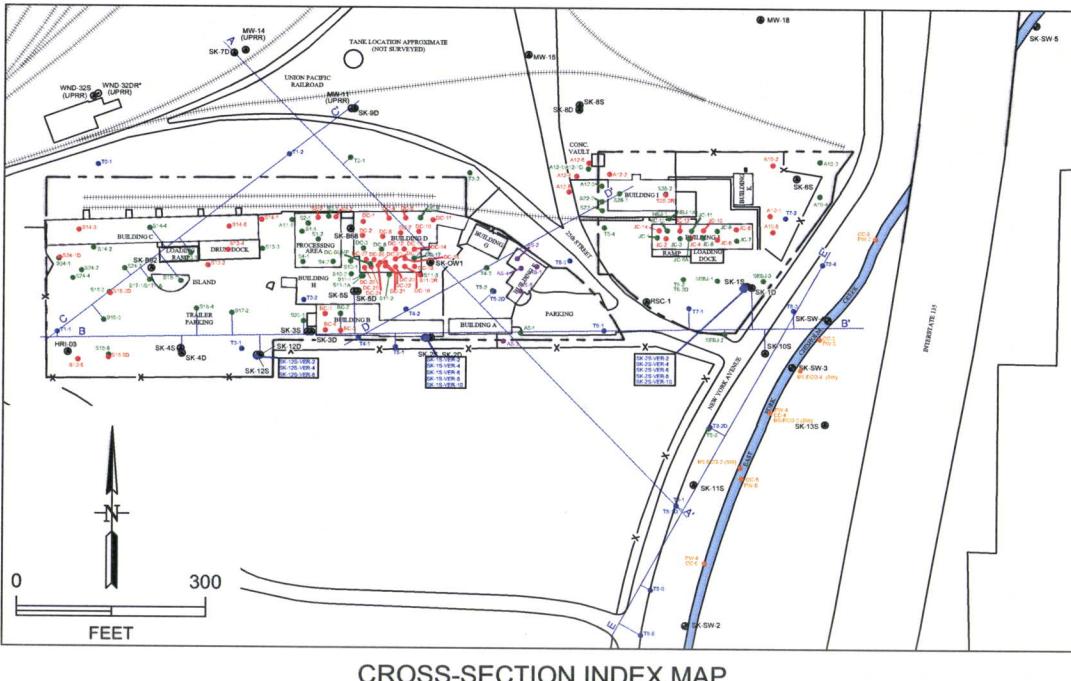
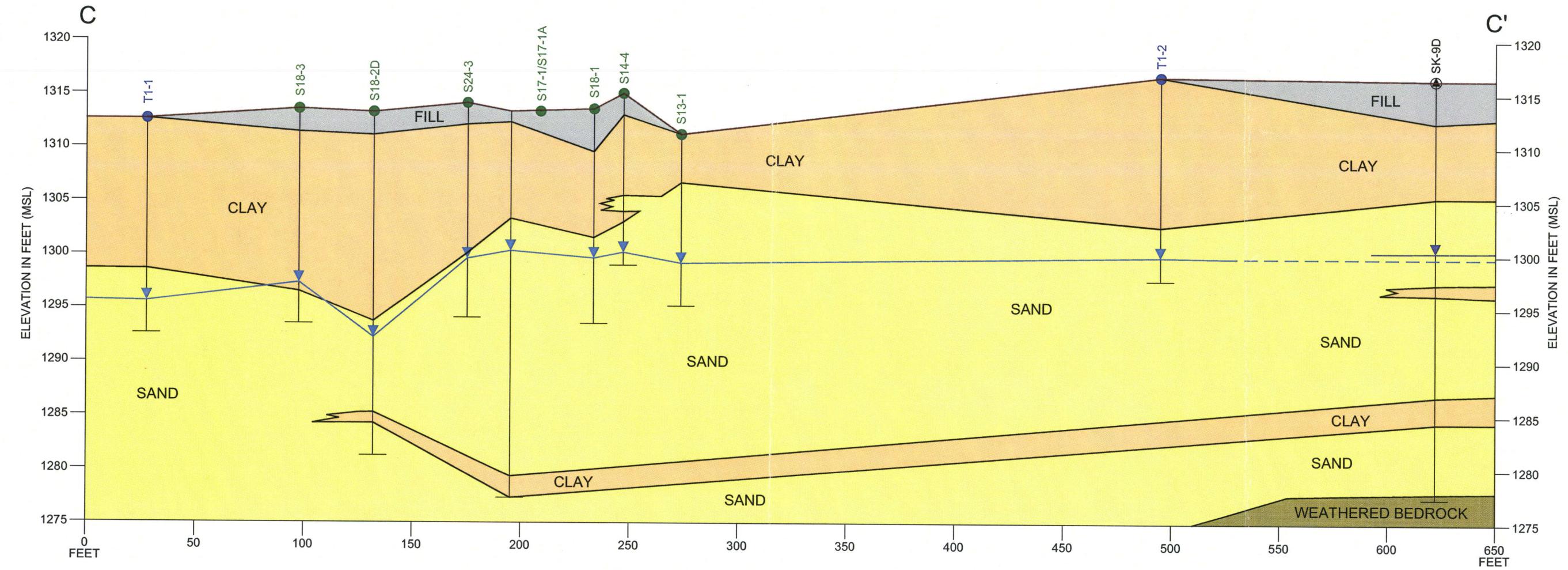


**FIGURE 4**  
**HYDROGEOLOGIC CROSS-SECTION A-A'**



M:\jmc\Projects\Cameron-Cole\1808-Clean-Harbors\Kansas\2013\Cross-Sections\Transect 9-B-B1808-XSec-T9\_B-B'.dwg

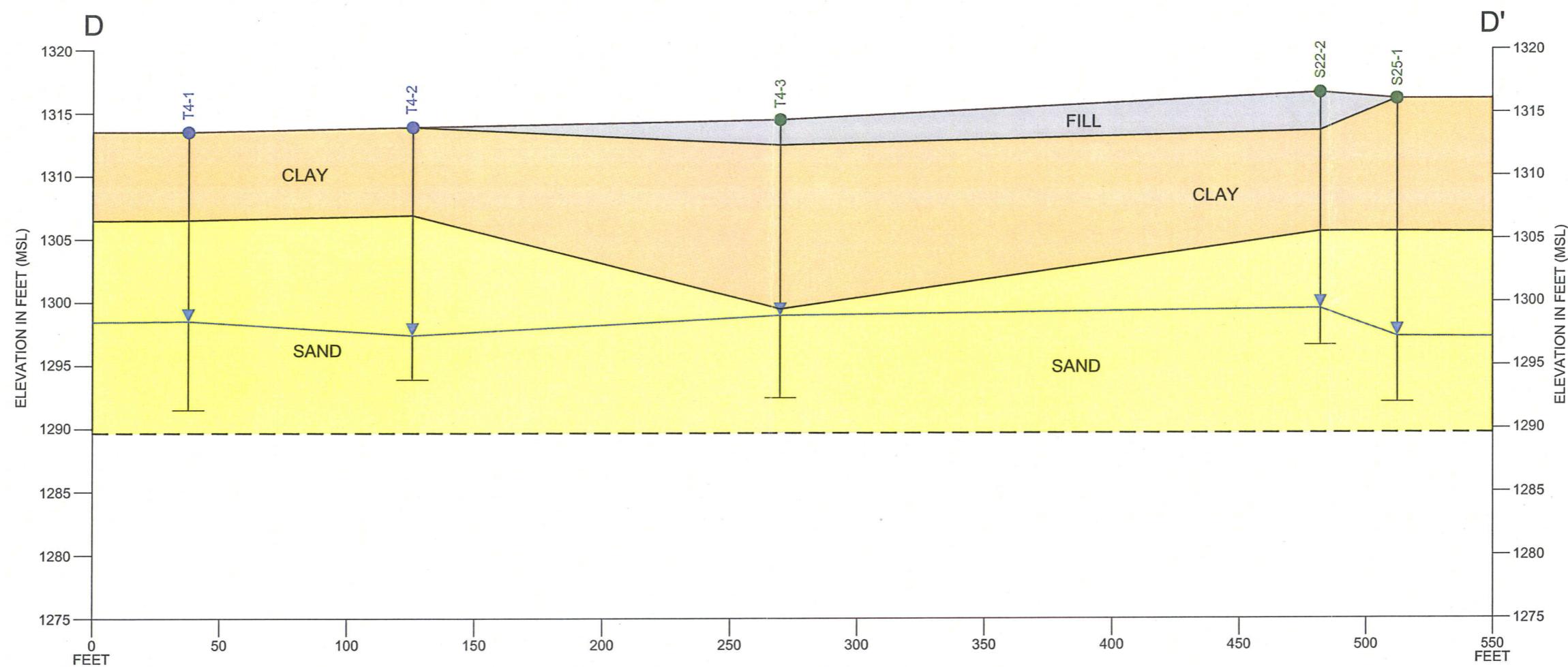




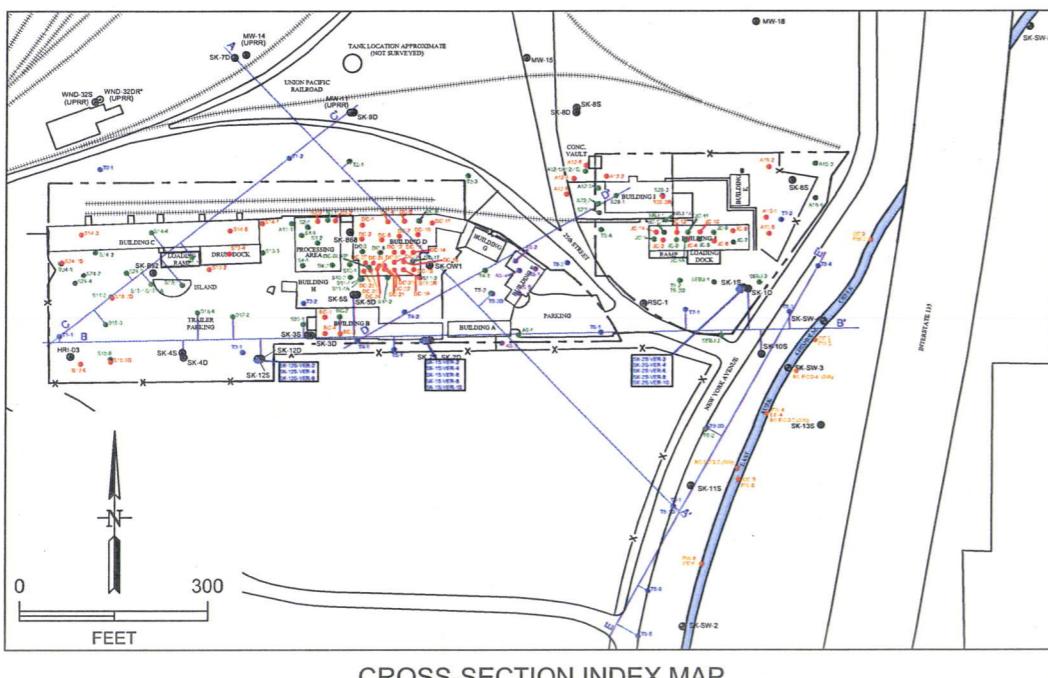
BY	DATE
DRAWN	JGM 11/06/13
CHECKED	
REVISED	JGM 11/22/13
APPROVED	
APPROVED	
APPROVED	

 **Cameron-Cole**  
5777 CENTRAL AVENUE, SUITE 200  
BOULDER, COLORADO 80301  
PHONE: (303) 938-5500  
FAX: (303) 938-5520  
<http://www.cameron-cole.com>

**FIGURE 6**  
**HYDROGEOLOGIC CROSS-SECTION C-C'**  
**CLEAN HARBORS KANSAS, LLC**  
SCALE: AS SHOWN PROJECT: 1808



VERTICAL EXAGGERATION 5X



#### LEGEND

- ▲ Groundwater Monitoring Well (2 Inch Ø)
  - Direct Push Soil Sample Location (Oct. 2013)
  - Direct Push Groundwater Sample Location (Oct. 2013)
  - Direct Push Soil & Groundwater Sample Location (Oct. 2013)
  - Surface Water/ Pore Water/Creek Sediment/ Aquatic Detritus Sample Location (Oct. 2013)
  - Air Sample Location (Oct. 2013)
  - ▼ Water Table Upper Zone (Elevations Obtained Oct. 2013)
  - ▼ Water Table Lower Zone (Elevations Obtained Oct. 2013)
- |  |
|--|
| FILL - artificial fill, natural fill, mixed fill, concrete |
| SAND - sand, poorly graded sand, silty sand, gravelly sand |
| CLAY - clay, silty clay, clayey silt, sandy clay           |
| WEATHERED BEDROCK - clay, highly weathered shale           |
| BEDROCK - Wellington Shale                                 |

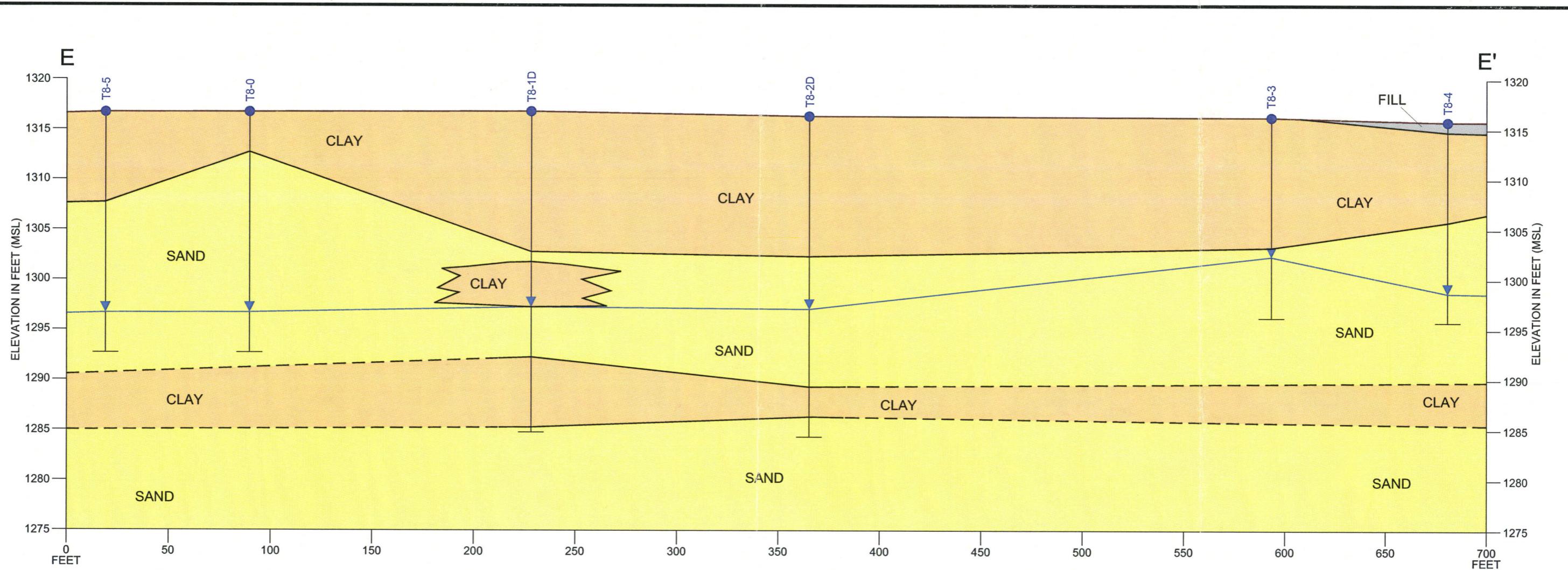
BY	DATE
DRAWN	JGM 11/06/13
CHECKED	
REVISED	JGM 11/22/13
APPROVED	
APPROVED	
APPROVED	

FIGURE 7

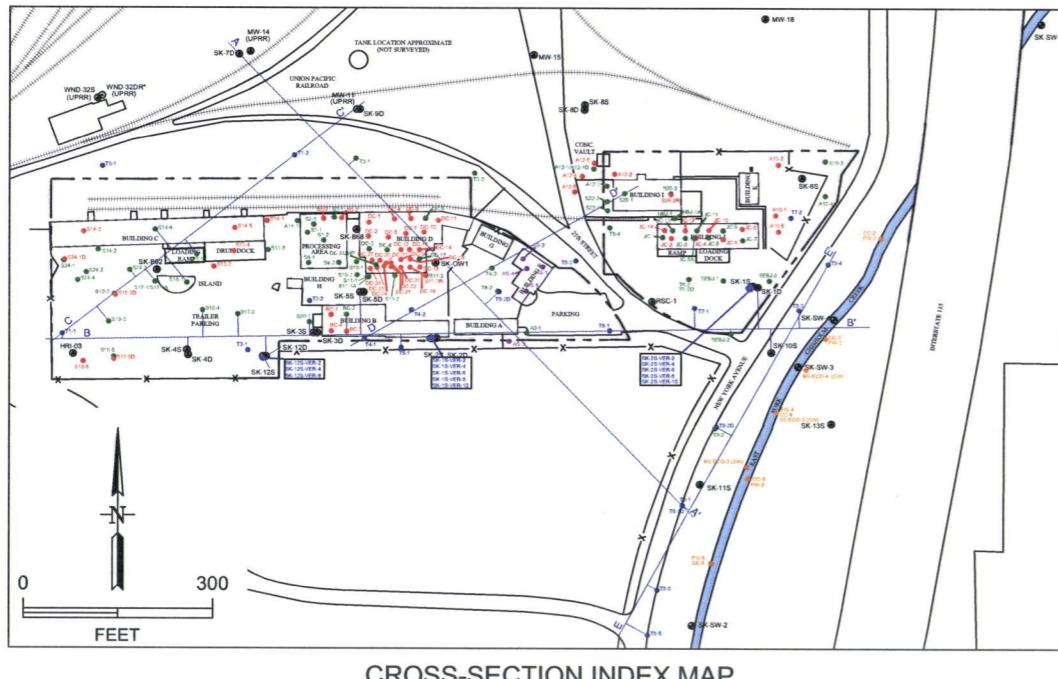
CROSS SECTION D-D'

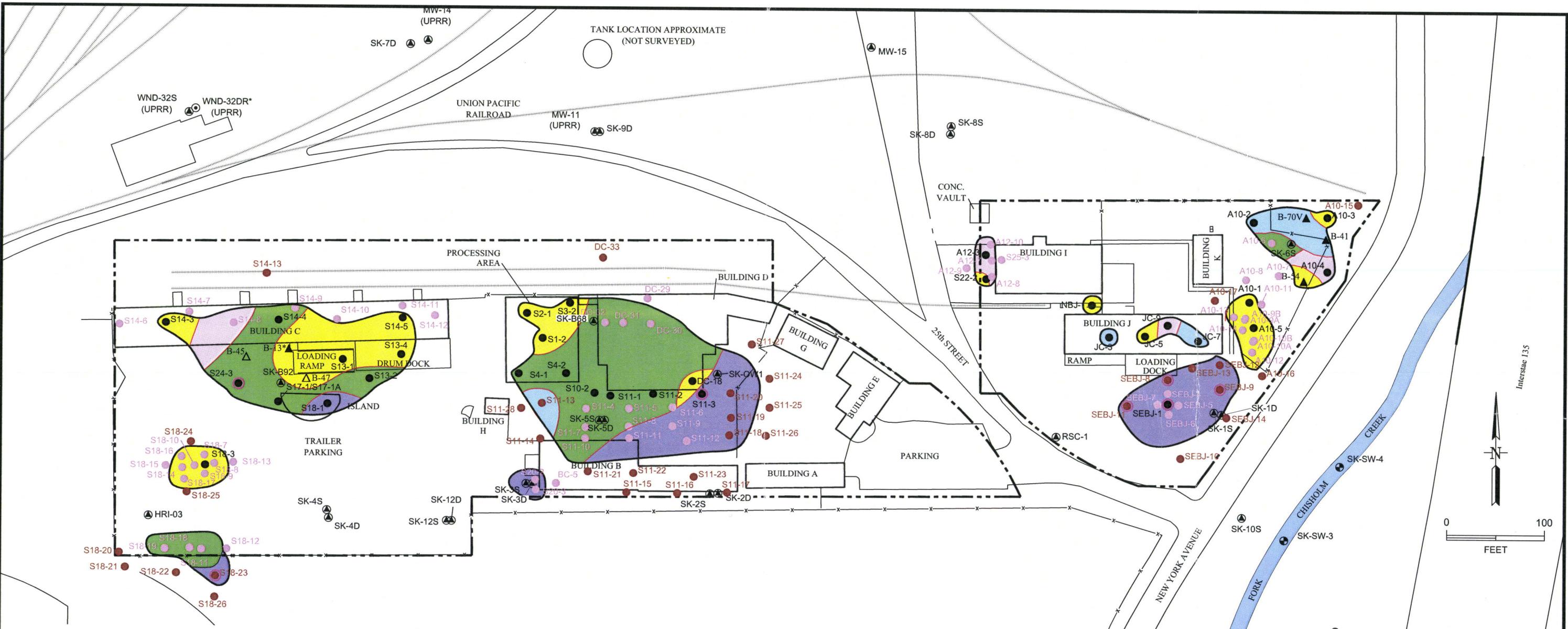
CLEAN HARBORS KANSAS, LLC

SCALE: AS SHOWN PROJECT: 1808



VERTICAL EXAGGERATION 5X





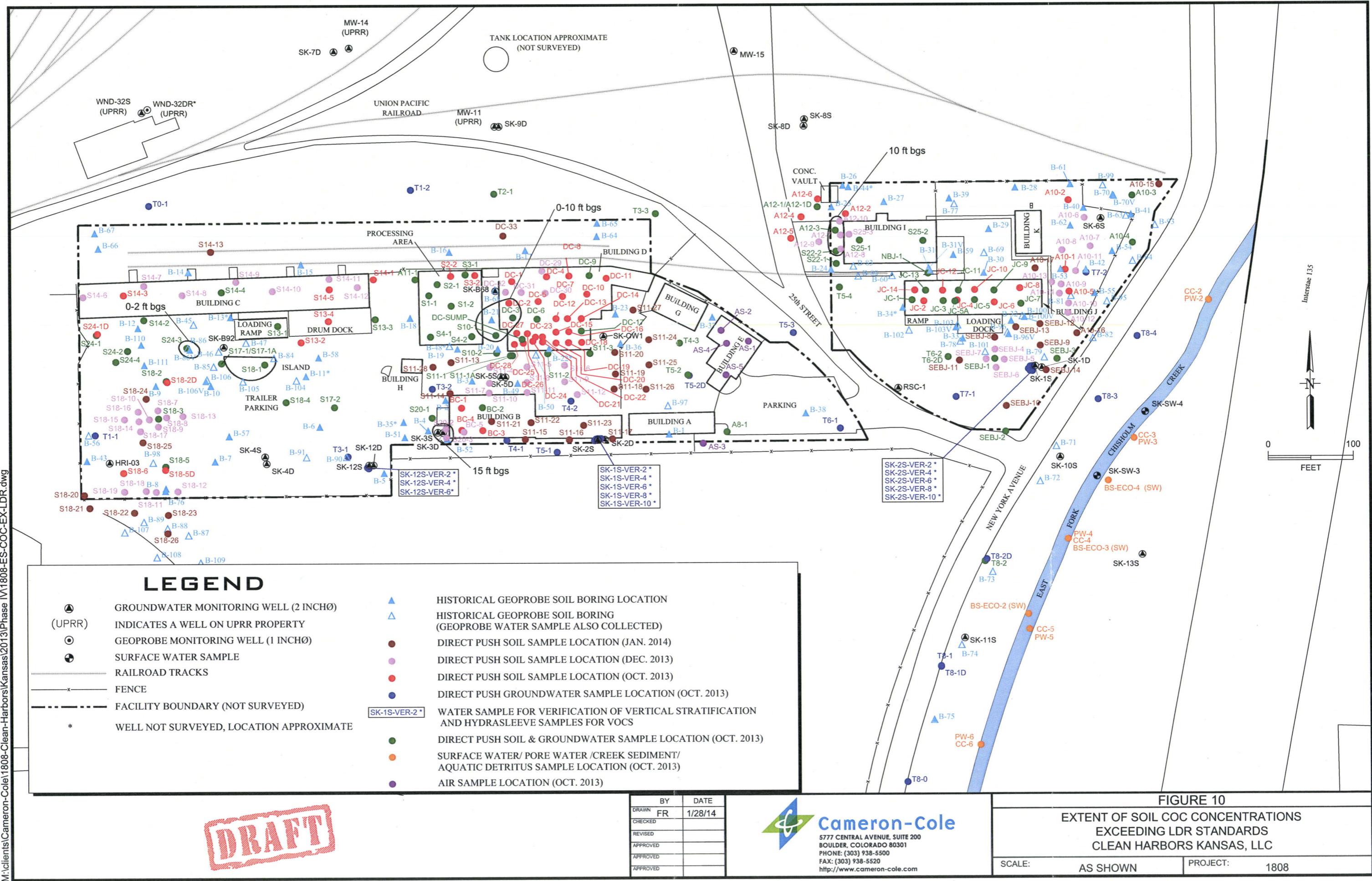
## LEGEND

- (UPRR) GROUNDWATER MONITORING WELL (2 INCHØ)
- (UPRR) INDICATES A WELL ON UPRR PROPERTY
- GEOPROBE MONITORING WELL (1 INCHØ)
- SURFACE WATER SAMPLE
- RAILROAD TRACKS
- FENCE
- - - FACILITY BOUNDARY (NOT SURVEYED)
- \* WELL NOT SURVEYED, LOCATION APPROXIMATE

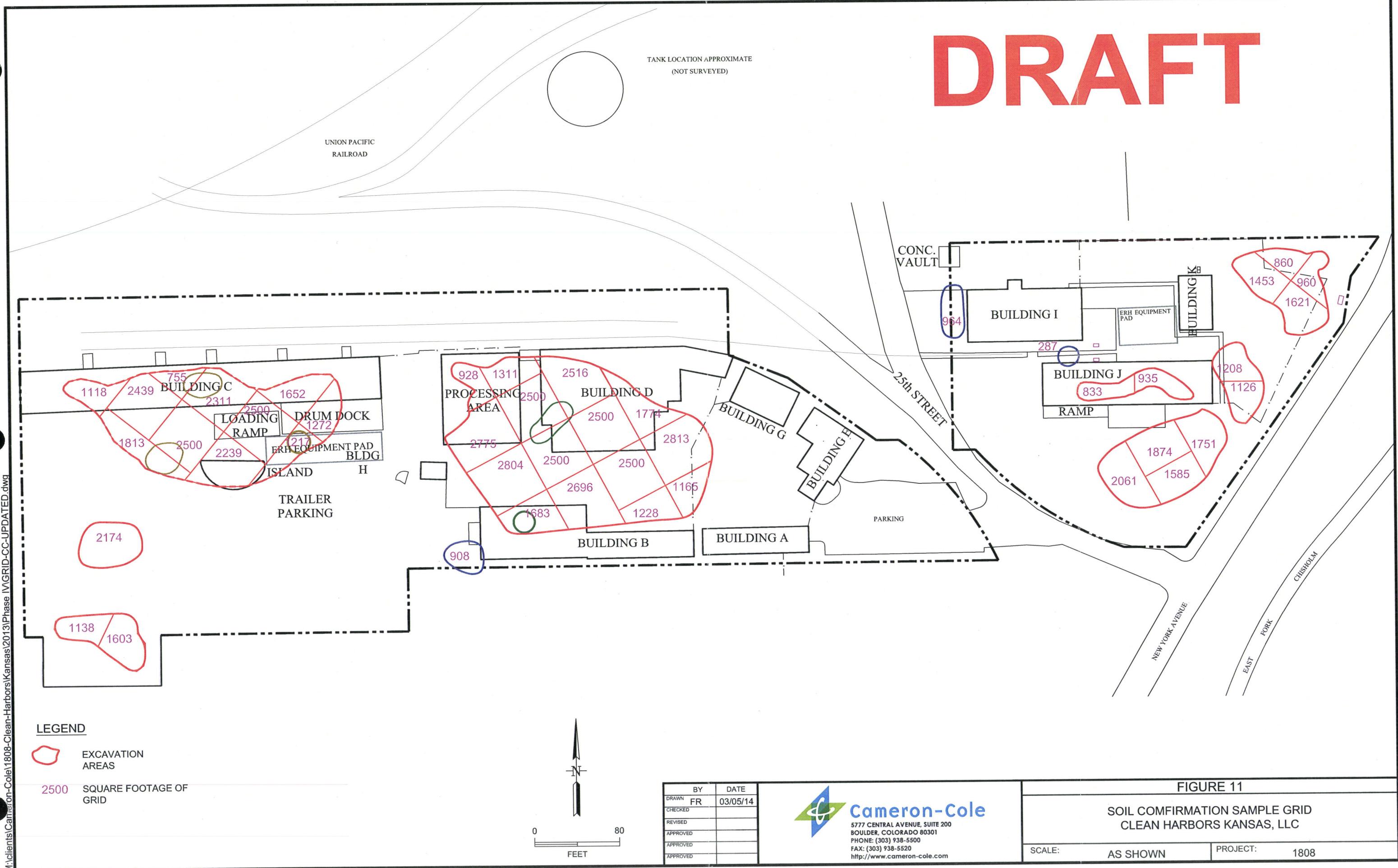
- ▲ HISTORICAL GEOPROBE SOIL BORING LOCATION
  - △ HISTORICAL GEOPROBE SOIL BORING (GEOPROBE WATER SAMPLE ALSO COLLECTED)
  - DIRECT PUSH SOIL SAMPLE LOCATION
  - DIRECT PUSH SOIL SAMPLE LOCATION (DEC. 2013)
  - DIRECT PUSH SOIL SAMPLE LOCATION (JAN. 2014)
- DEPTHS AT WHICH KDHE STANDARDS ARE EXCEEDED
- |              |
|--------------|
| 0-5' DEPTH   |
| 0-10' DEPTH  |
| 0-15' DEPTH  |
| 5-10' DEPTH  |
| 10-15' DEPTH |
| 10-20' DEPTH |
- TOTAL EXTENT OF ORGANIC COMPOUNDS

DRAFT

BY	DATE
DRAWN	JGM 12/23/13
CHECKED	
REVISED	JGM 01/13/14
APPROVED	
APPROVED	
APPROVED	



# DRAFT



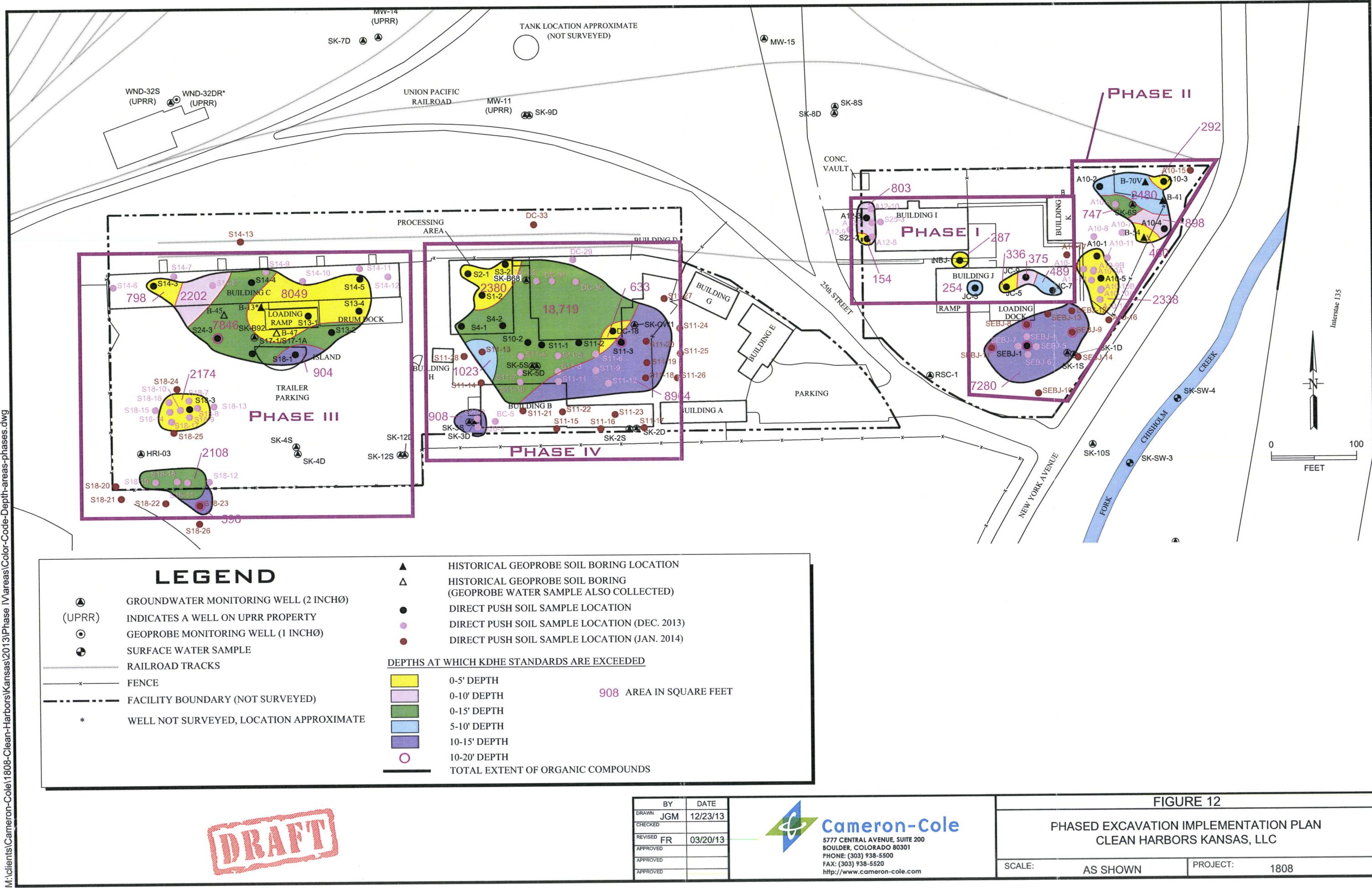
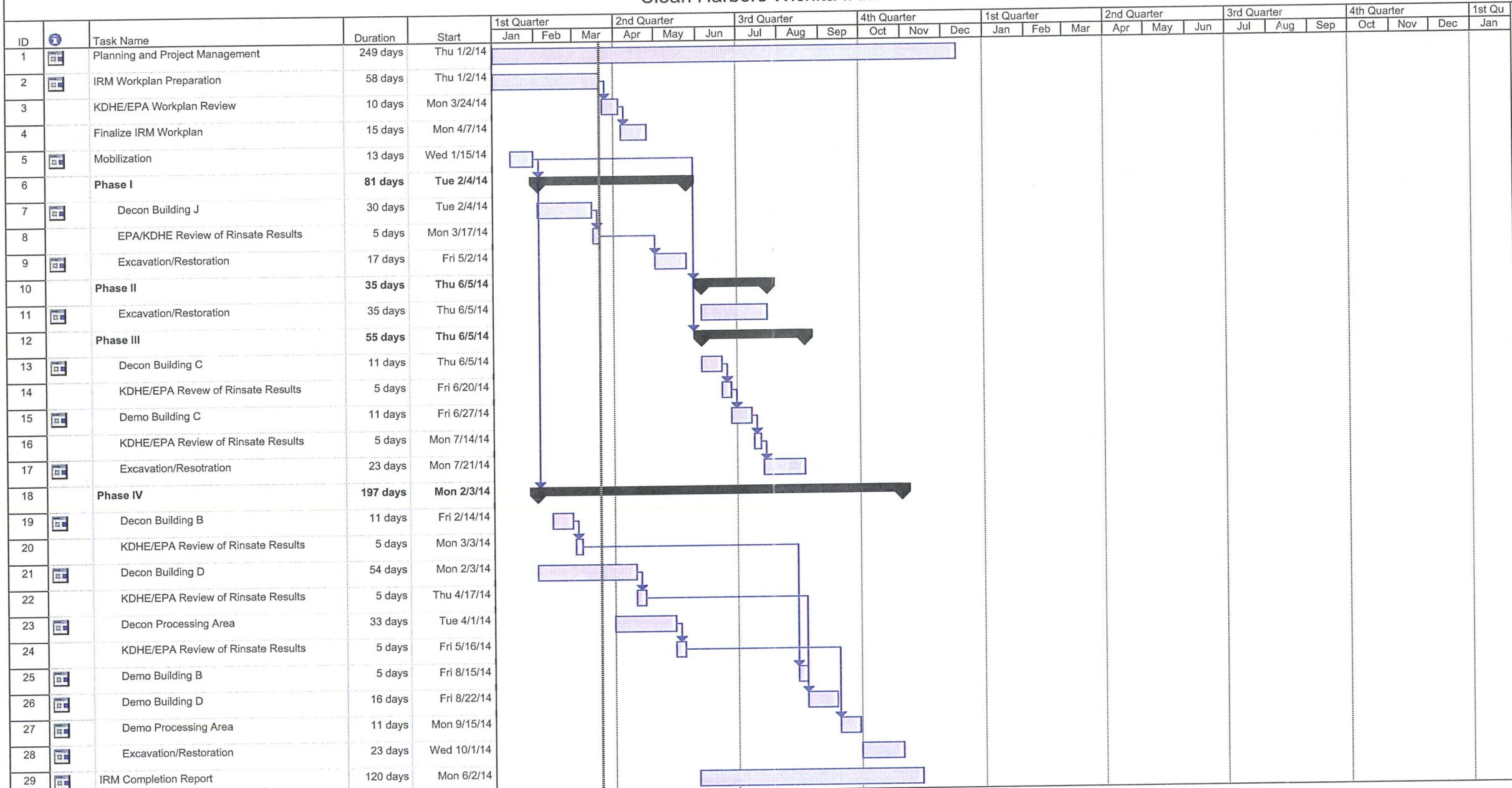
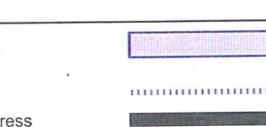


Figure 13  
Baseline Schedule  
Clean Harbors Wichita IRM



Project: Figure 13 - schedule  
Date: Fri 3/21/14

Task



Milestone  
Split  
Progress

Summary  
Rolled Up Task

Rolled Up Split  
Rolled Up Milestone  
Rolled Up Progress

External Tasks  
Project Summary